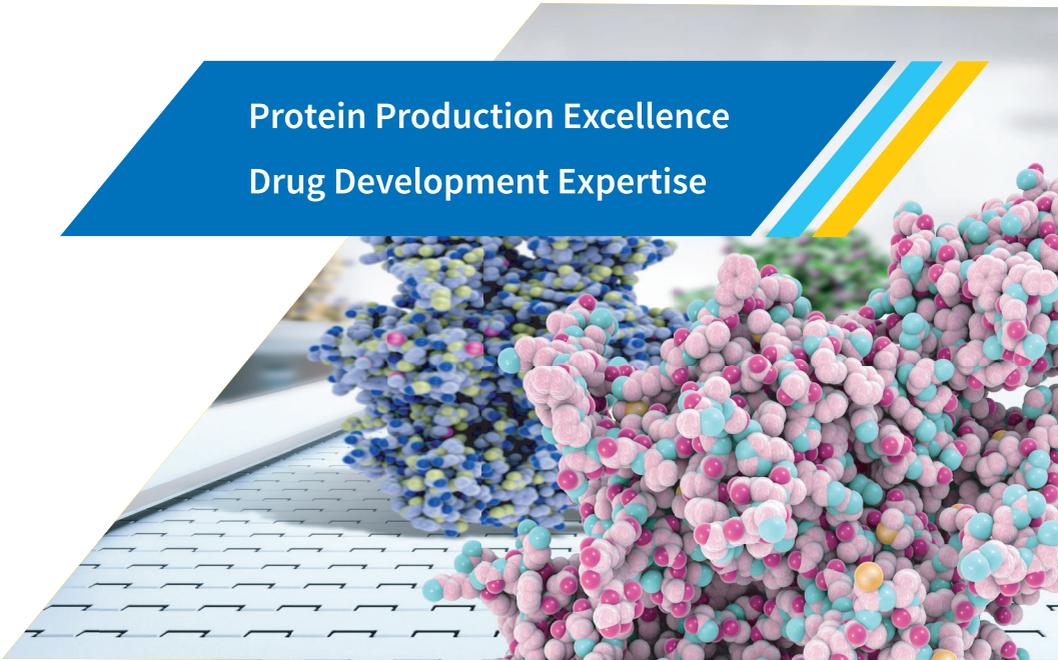


Accelerating Biologics Drug Development: Unmatched Protein & Antibody Production Services

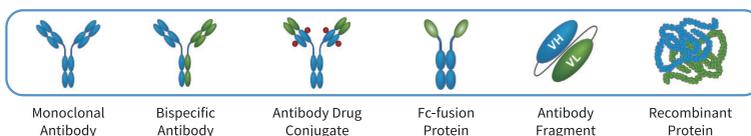
Protein Production Excellence
Drug Development Expertise



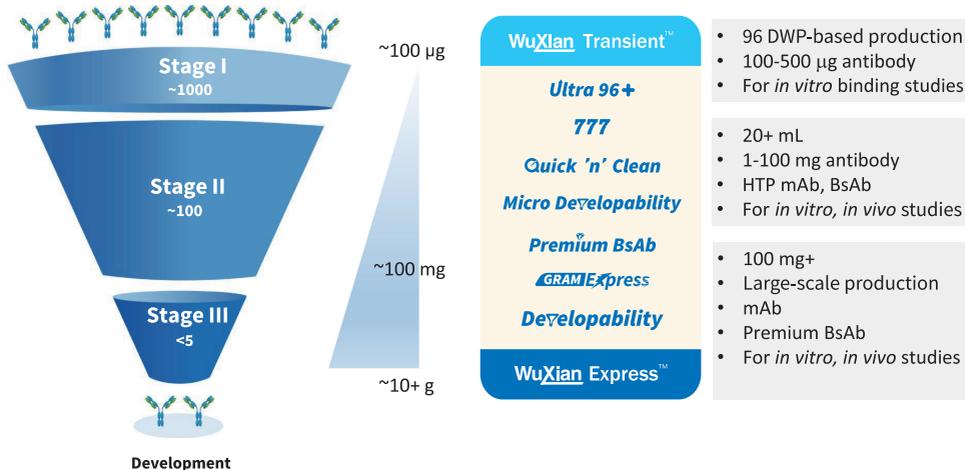
Protein Sciences: Uniting Drug Development Expertise with Protein Production Services



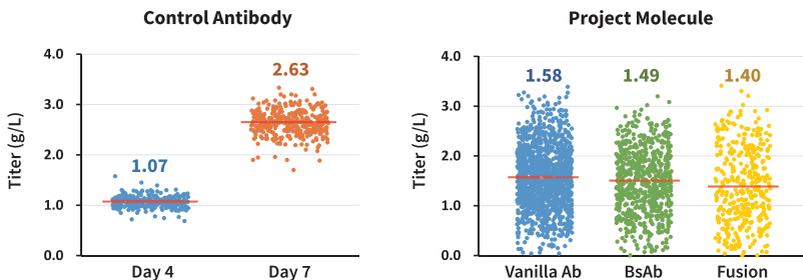
As fast as **3 weeks**



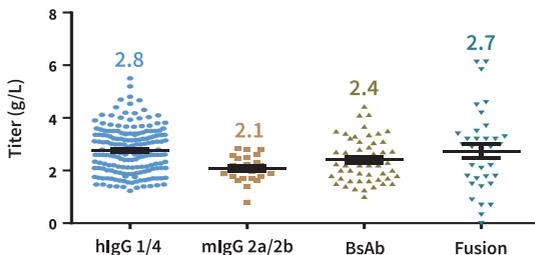
Different Services for Different Stages of Antibody Drug Development



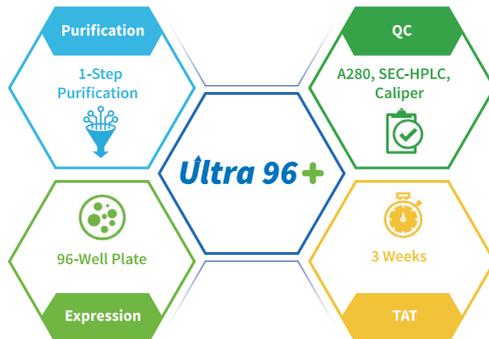
WuXian Transient™ - Higher Titers, Less Time



WuXian Express™ - Fast Stable Pool

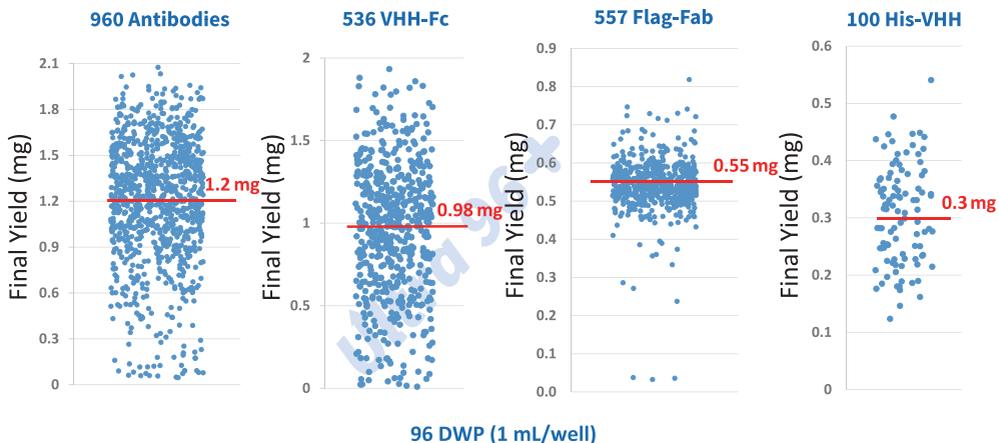


Automated **1-Step**
Purification

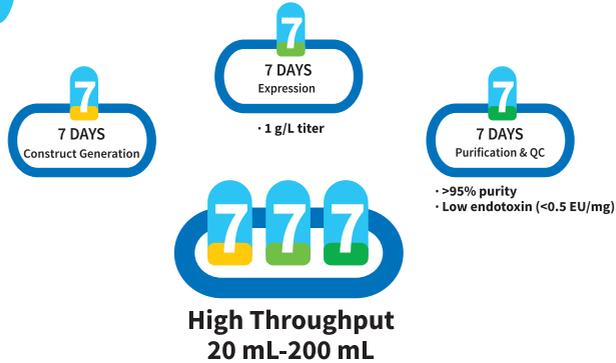


96/24-well DWP for 100-1500 μ g antibodies;
Suitable for *in vitro* assays

Case Study: Ultra-High Yields, Ultra-High Throughput

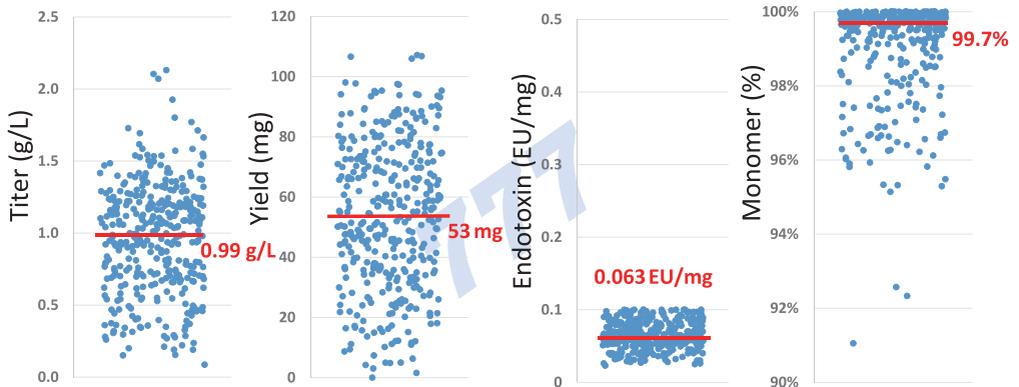


Automated 2-Step Purification



High-quality antibodies suitable for *in vitro* and *in vivo* studies
Weekly throughput: 500 molecules/week

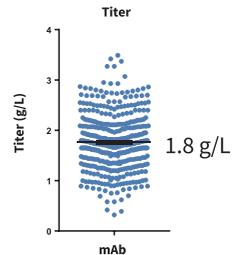
Case Study: 360 hlgG1 at 100 mL





- 7-Day CHO Transient
- Deliver 1-100 g mAbs in 3-4 weeks
- Premium quality
- All purified molecules are verified by LC-MS

Titers of GramExpress Molecules



Case Study: mAb Production at Different Scales

Molecule 1

4 L mAb
hulgG1
AC-SEC
Yield: 3 g
Purity: 99.8%
<0.1 EU/mg
3 weeks

Molecule 2

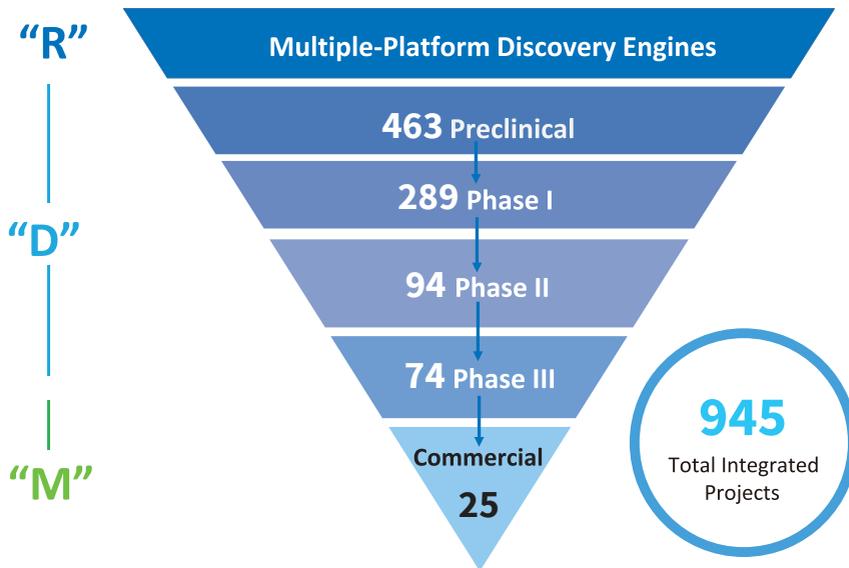
10 L mAb
mlgG2a
AC-CEX-UF/DF
Yield: 11.9 g
Purity: 98.8%
<0.16 EU/mg
4 weeks

Molecule 3

60 L mAb
hulgG1
AC-AEX*-CEX-UF/DF
Yield: 80 g
Purity: 98.5%
<0.02 EU/mg
4 weeks

Molecule 4

80 L mAb
hulgG1
AC-CEX-UF/DF
Yield: 110 g
Purity: 99.8%
<0.01 EU/mg
4 weeks



As of December 31, 2025

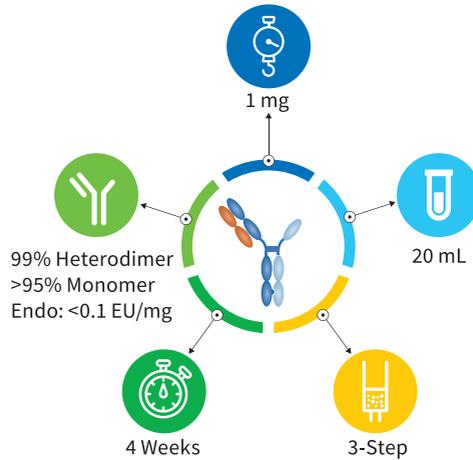
About WuXi Biologics CRO Services

WuXi Biologics is a leading global CRDMO, with the R represented by our premium-quality CRO Services. With expertise in diverse drug modalities, we deliver comprehensive research services, including antibody discovery, protein production and engineering, and *in vitro/in vivo* testing, to seamlessly advance our clients' molecules from concept to CMC development.

Quick 'n' Clean

- Unlock the Optimal Pairings of BsAbs

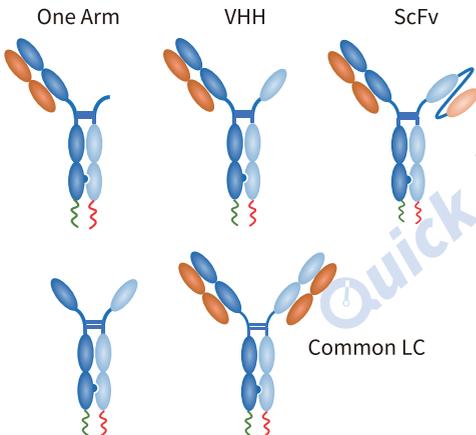
Automated **3-Step**
Purification



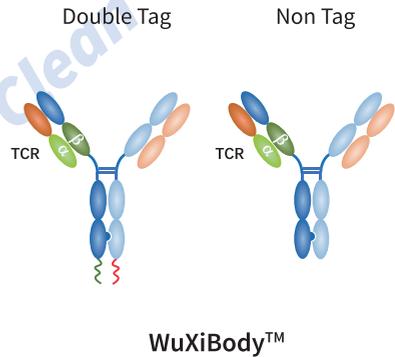
Great research tool at the discovery stage

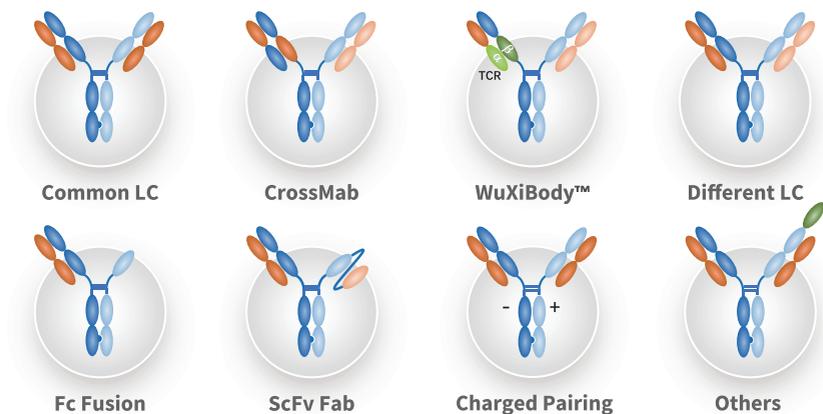
Customized Formats for Quick 'n' Clean

BsAb with 0, 1 LC



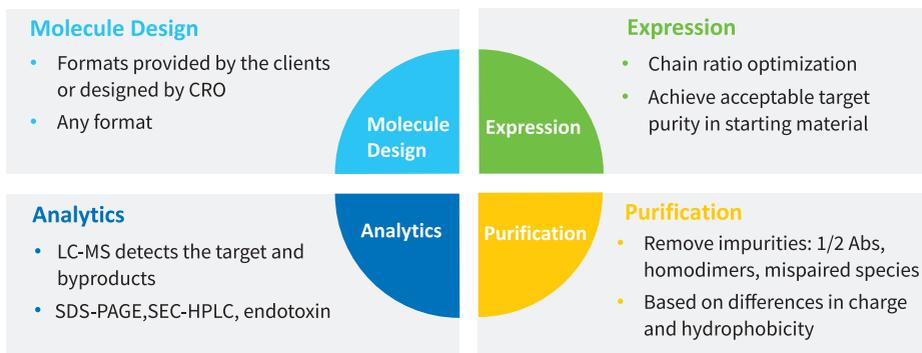
BsAb with 2 LCs



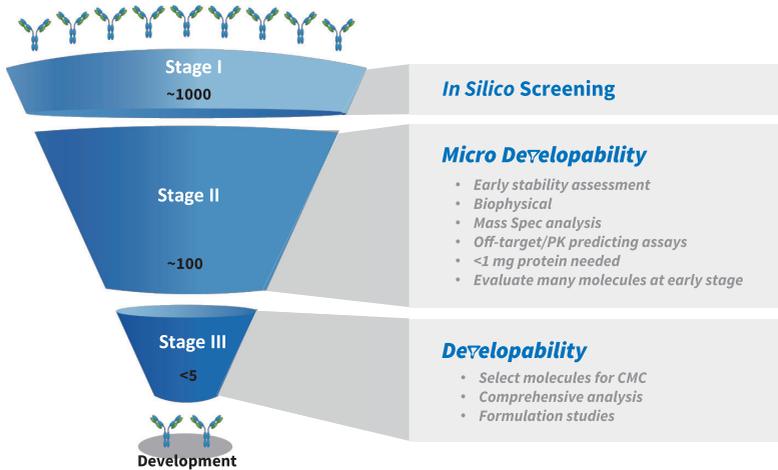


- Any formats
- 10 mg to grams in 4-5 weeks
- All premium bsAbs verified by LC-MS
- 3,000+ premium bsAbs delivered successfully

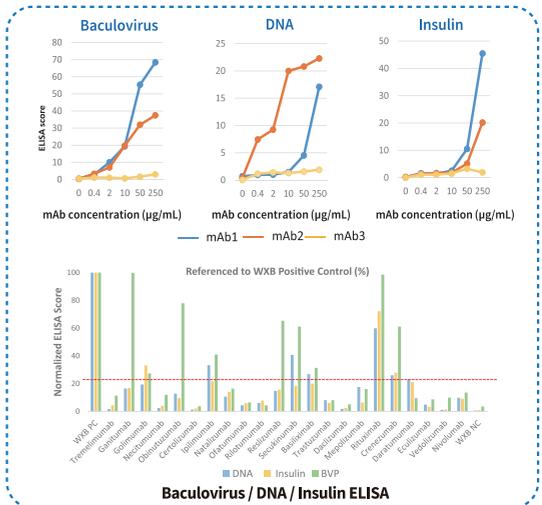
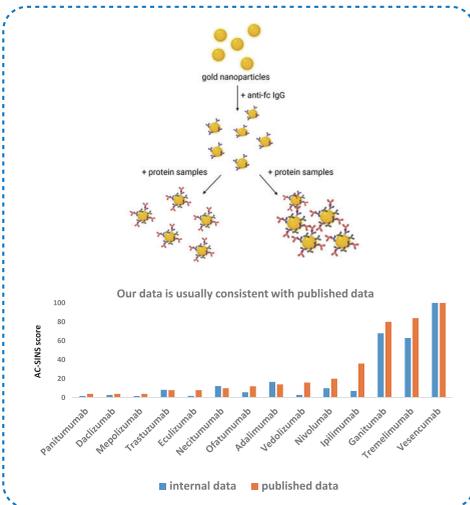
Premium BsAb Production Strategies

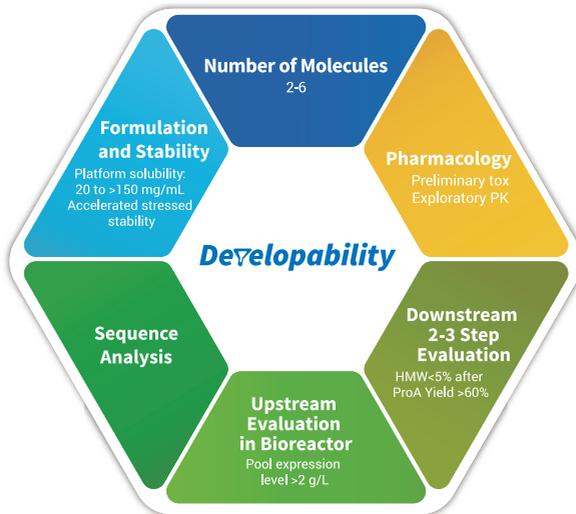


- Advanced 100+ bsAbs into CMC
- Multiple bsAb projects successfully filed for IND



Example Assays for Micro-Developability



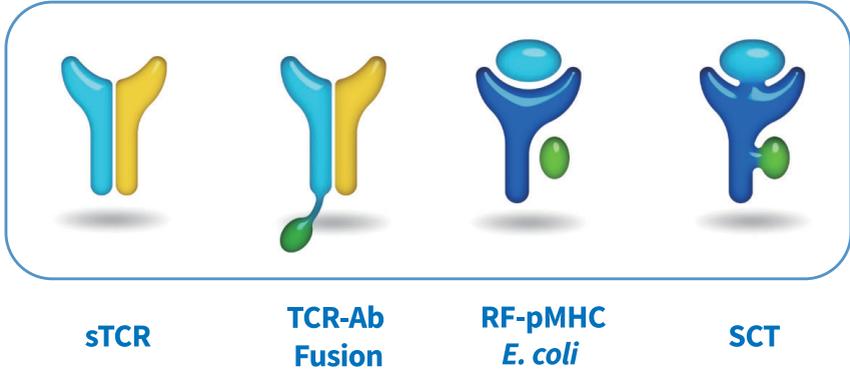


Case Study: Developability Study for Lead Selection

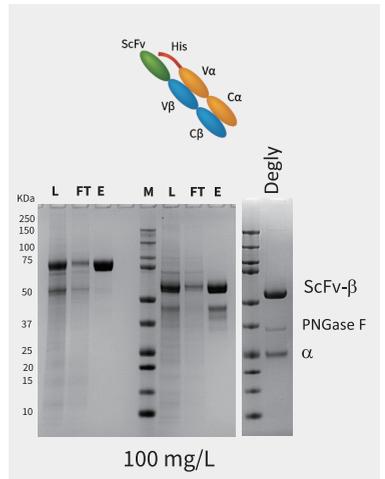
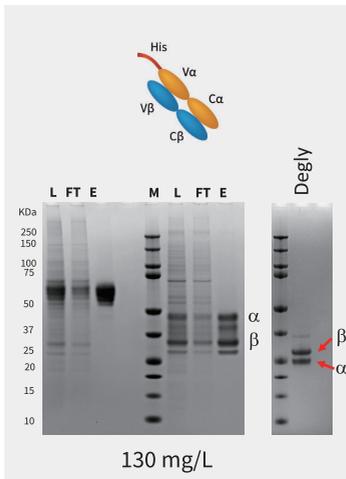
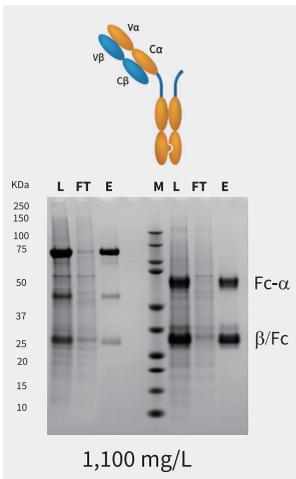
Select candidate molecule for CMC development

1	Molecule	2
3.7 g/L	Fit for Upstream	3.7 g/L
>10% HMW level after ProA 52% CEX step yield	Fit for Downstream	87% CEX step yield
Platform solubility: 100 mg/mL	Formulation and Stability	Platform solubility: >150 mg/mL More stable after 1 month at 40°C
DSC: Tm: 76.4°C	Characterization	DSC: Tm: 78.7°C

- Molecule 2 was selected for **cell line cloning** and **CMC development**

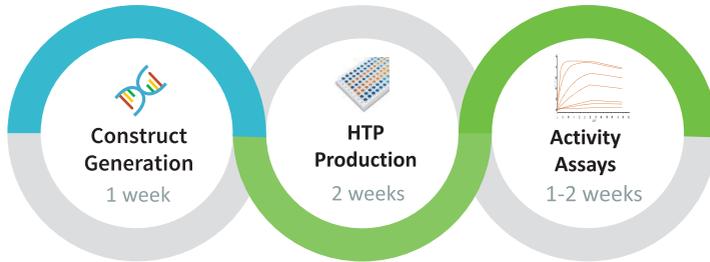


Case Study: Production of Soluble TCR in Mammalian Cells

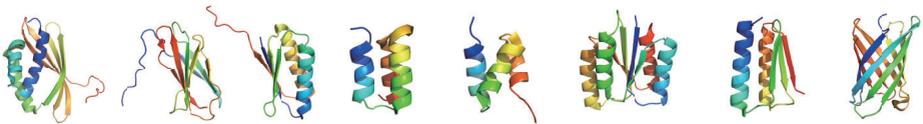


MiniProtein Line

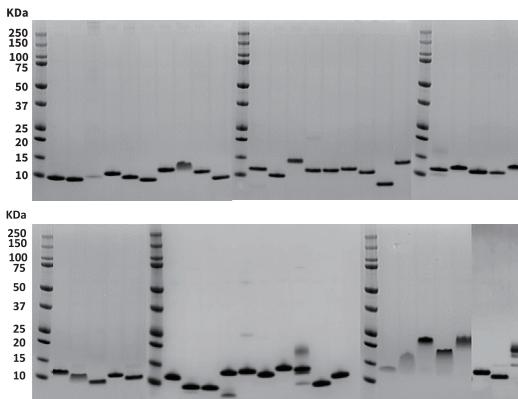
- HTP Production of Miniproteins



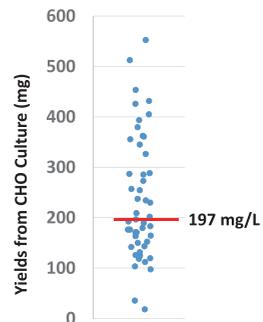
- *De novo* designed proteins with sequences unrelated to those in nature
- ~100-200 amino acid residues
- Diverse functions



Case Study: 48 Miniproteins with 20 Different Folds are Produced in CHO Cells



N-His, Ni purified



The transient expression level of most miniproteins in CHO is >100 mg/L.

**Drug Development Expertise
Empowering Research Services for Biologics**

Partner with us today!



PS_Marketing@wuxibiologics.com
www.wuxibiologics.com/cro-services