

Characteristics of service

- 01** All products are made and quality-controlled according to GMP standards.
- 02** To ensure batch-to-batch consistency and high product quality, protein expression test will be performed before scaling up using optimized condition.
- 03** Extensive experience in solving problems of protein aggregation.

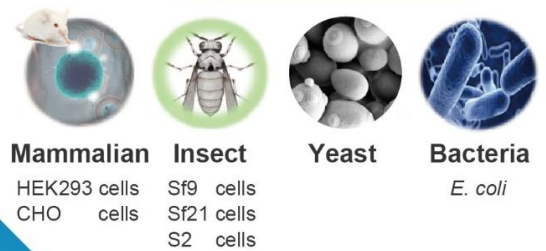
Various fusion tags

- 01** His
- 02** His-Trx
- 03** His-SUMO
- 04** GST
- 05** Fc

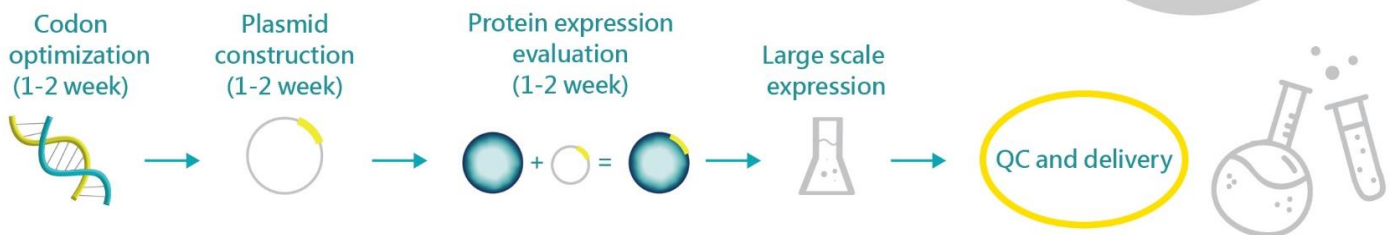
Proper refolding process of target protein

- 01** Inclusion bodies are solubilized with urea.
- 02** Refolding strategy is selected based on sequence and property of target protein.

Expression system



Service process



Purification

- Affinity tags



QC

- SDS-PAGE / Western Blot
- HPLC (additional cost)



Delivery specifications

- 01** *E. coli* expression system:
3-5 mg of purified protein.
- 02** Mammalian/Insect cell system:
Minimum 100 µg of purified protein.

Additional Service (charge required)

- 01** Ultra-low endotoxin
(bacterial system, <0.1 EU/µg)
- 02** Sterile filtration
- 03** Protein activity detection
- 04** Purity determination by HPLC
- 05** Protein lyophilization

