SentinusAI®
Protein Design Engine

De Novo Protein Design ⌄

- IgG, Fab, scFv, VHH, peptides etc.
- Bispecific and multi-specific formats
- Antibody-drug conjugate (ADC, PDC)

Affinity Maturation ⌄

- Therapeutic Antibody
- Affinity Maturation
- Fusion Protein Engineering

Epitope Mapping ⌄

- Binding Specificity Optimization

Therapeutic Protein Humanization ⌄

- Immunogenicity Assessment
- Antibody Humanization

Therapeutic Protein Off Target Prediction ⌄

- Protein Off-target Toxicity Prediction

Therapeutic Protein Developability ⌄

- Stability Prediction of Sequence Optimization

Why Choose Ainnocence?

1. No structure required
2. Wet-lab validated
3. Ultra-high throughput
4. Rapid Turnaround: from a few hours to two weeks

Application Scenarios

Therapeutic Drug and Vaccine Design
Diagnostic Antibody Design
Industrial Enzyme Optimization

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