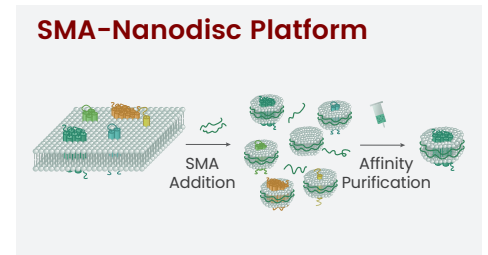
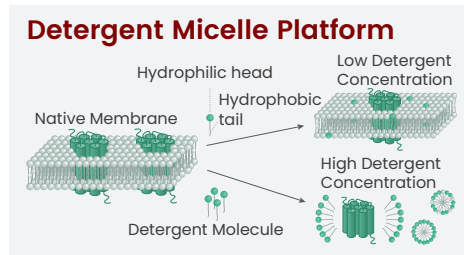
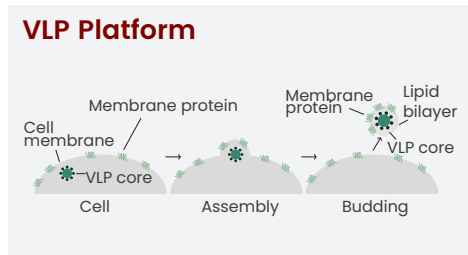


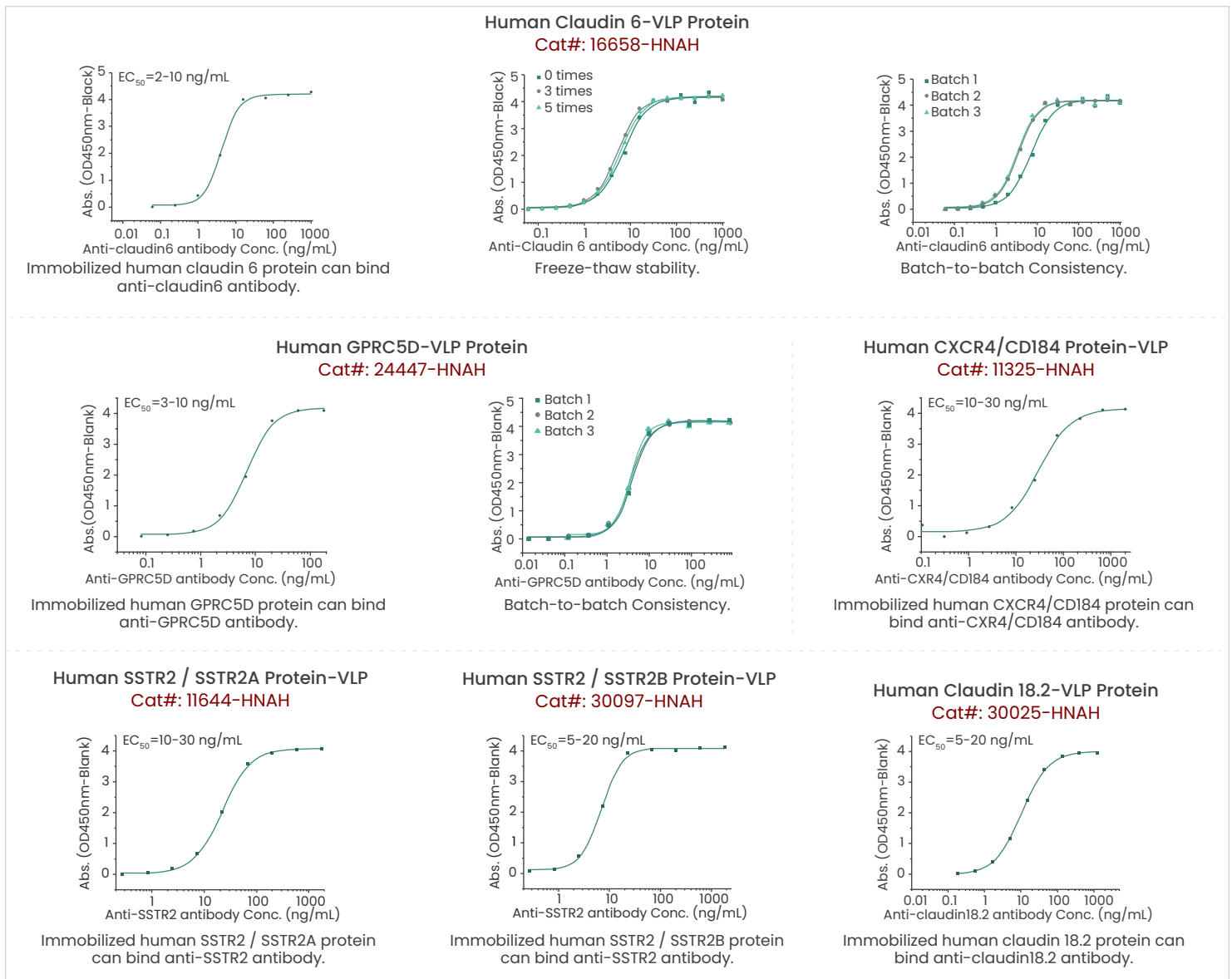
Multi-pass Transmembrane Proteins

Transmembrane proteins play a variety of roles in physiological processes such as protein ligation, recognition, transport, anchoring, and transduction. Abnormalities in the function of transmembrane proteins are associated with a number of diseases. They are also important drug targets, with approximately 50% of drugs targeting transmembrane proteins. However, low expression, in vitro insolubility, unstable purification, and difficulty in maintaining natural conformation have limited their use in drug development.

Sino Biological is focused on developing multi-pass transmembrane protein products and has set up three platforms to provide important raw materials for early-stage drug development. These platforms include virus-like particles (VLP), detergent micelle, and nanodisc. Sino Biological offers custom services in addition to supplying multipass transmembrane proteins (4 pass: Claudin-6, Claudin-9, Claudin-18.1, Claudin-18.2; 7 pass: GPRC5D, CXCR4, and SSTR2) through these platforms.



Featured Transmembrane Proteins Case Display-VLP Platform



Multi-pass Transmembrane Proteins

More Transmembrane Proteins-VLP Platform

Target	Cat#	Product Name
GPRC5D	24447-HNAH1	Human GPRC5D-VLP (Full Length) Protein, Fluorescent
GPRC5D	24447-HNAH-B	Human GPRC5D-VLP (Full Length) Protein, Biotinylated
GPRC5D	5A4669-M25H	Mouse GPRC5D-VLP (Full Length) Protein (Flag Tag)
Claudin-18.1	20047-HNAH	Human CLDN18.1-VLP (Full Length) Protein
Claudin-18.2	30025-HNAH1	Human CLDN18.2-VLP (Full Length) Protein, Fluorescent
Claudin-6	16658-HNAH1	Human CLDN6-VLP (Full Length) Protein, Fluorescent
CB2	17646-HNAH	Human CB2-VLP (Full Length) Protein

Case Display-Detergent Micelle Platform

Human GPRC5D-Detergent Protein
Cat#: 24447-HI8H-DD

ELISA functional assay: Immobilized human GPRC5D-detergent protein on nickel coated plate can bind anti-human GPRC5D antibody.

BLI assay: Loaded anti-GPRC5D antibody on ProA Biosensor can bind human GPRC5D-detergent protein.

Human CLDN6-Detergent Protein Cat#: 16658-H6IH-DD (Pre-order)

Case Display-SMA-Nanodisc Platform

Human GPRC5D-Nanodisc Protein
Cat#: 24447-HI8H-NA

ELISA functional assay: Immobilized human GPRC5D protein can bind anti-human GPRC5D antibody.

BLI assay: Loaded anti-GPRC5D antibody on ProA Biosensor can bind human GPRC5D protein.

Human Claudin-6-Nanodisc Protein
Cat#: 16658-H49H-NA-B

ELISA functional assay: Immobilized human CLDN6 protein can bind anti-human CLDN6 antibody.

Human Claudin-6-Nanodisc Protein
Cat#: 16658-H6IH-NA

BLI assay: Loaded anti-CLDN6 antibody on ProA Biosensor can bind human CLDN6 protein.

Human Claudin-9-Nanodisc Protein
Cat#: 21185-H49H-NA-B

ELISA functional assay: Immobilized human CLDN9 protein can bind anti-human CLDN9 antibody.

Human CLDN18.1-Nanodisc Protein
Cat#: 20047-H64H-NA (Pre-order)

Human CLDN18.2-Nanodisc Protein
Cat#: 30025-H64H-NA (Pre-order)