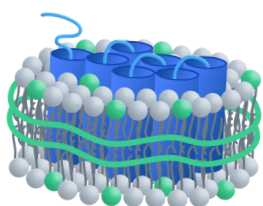




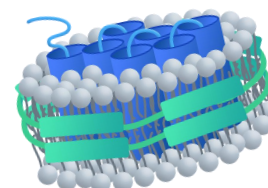
DIMA BIOTECH's unique Nanodisc platforms, including **Syndisc™** and **PeptiNanodisc™**, enable the stabilization of full-length, multi-pass membrane proteins in a native-like, detergent-free environment. Expressed in HEK293 cells to preserve proper structure and post-translational modifications, these systems support high-quality, biologically active proteins.



Syndisc™
(Polymer based)

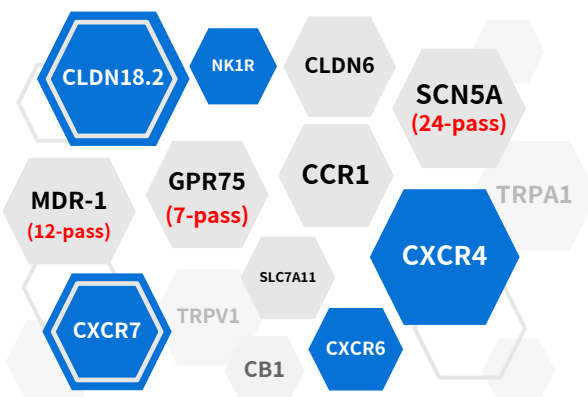


PeptiNanodisc™
(Suitable for cell analysis)



MSP Nanodisc
(Custom production)

700+ Nanodisc Proteins,
with 300+ In Stock



Applications:

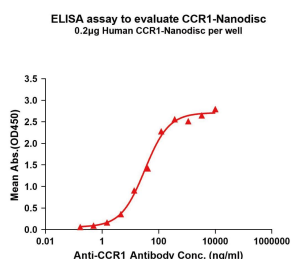
- **Molecular interaction studies:** ELISA, SPR, BLI
- **Therapeutic screening:** Phage display and small-molecule screening
- **Structural studies:** Cryo-EM
- **Cell-based functional assays:** PeptiNanodisc™
- **Effective antigen:** Syndisc™ for generating functional antibodies against challenging membrane targets (e.g., GPCRs)

Syndisc™



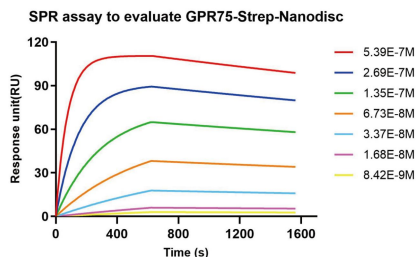
Watch Syndisc™ Video

ELISA



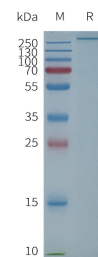
Human CCR1-nanodisc binding to anti-CCR1 mAb (Cat. No. DMC100465). **7-pass GPCR**, Cat. No. FLP100094.

SPR



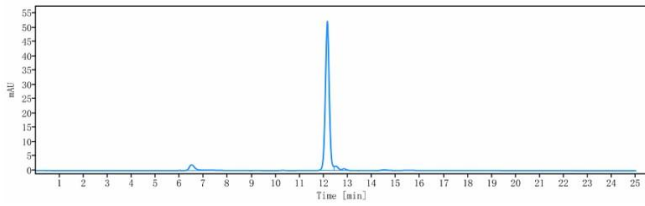
Human GPR75-Nanodisc binding to anti-GPR75 antibody (Cat. No. DMC100368). **7-pass GPCR**, Cat. No. FLP120031.

SDS-PAGE



Human SCN5A-Nanodisc, Flag Tag on SDS-PAGE. **24-pass Na+ ion channel**, cat. No. FLP100726

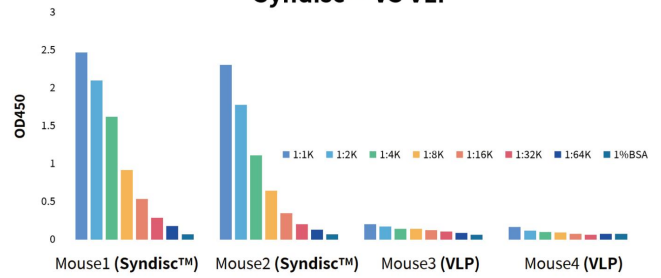
SEC-HPLC



The purity of Human SLC7A11 full length protein-synthetic nanodisc is greater than 90% as determined by SEC-HPLC.
12-pass Cystine/glutamate transporter, Cat. No. FLP100048

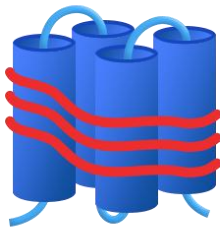
CLDN18.2 Syndisc™ Immunity

Syndisc™ VS VLP



Watch PeptiNanodisc™ Video

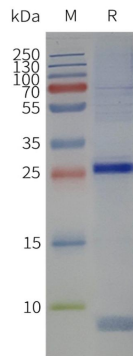
PeptiNanodisc™



Human CLDN18.2-Strep full length protein
 PeptiNanodisc (Cat. No. FLP420014)

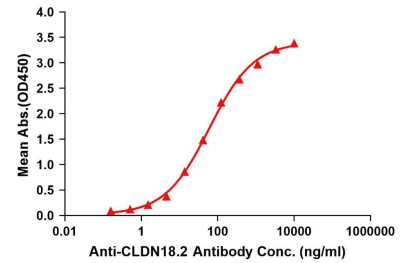
Optimized for cell-based assays

SDS-PAGE



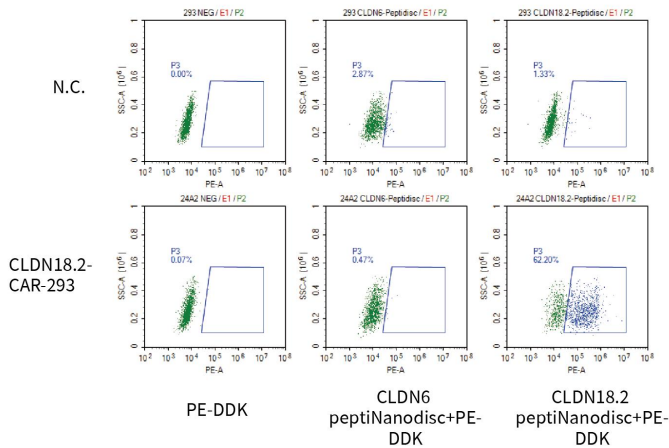
ELISA

ELISA assay to evaluate CLDN18.2-Strep-PeptiNanodisc
 0.2µg Human CLDN18.2-Strep-PeptiNanodisc per well



CLDN18.2 CAR Detection Using PeptiNanodisc

Unlabeled PeptiNanodisc



FITC-Labeled PeptiNanodisc

