

Active Recombinant Human CLDN18.2 Full Length Transmembrane protein, Flag tag(Synthetic Nanodisc)

Cat. No. CLDN18-396H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CLDN18.2 Full Length Transmembrane protein(P56856), fused with Flag tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Full Length
Form	Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Do not use solvents with pH lower than 6.5 in subsequent experiments.
Bio-activity	Elisa plates were added with Flag Tag CLDN18.2-Nanodisc (0.2µg/per well) on an anti-Flag monoclonal antibody pre-coated (0.2µg/per well) plate. Serial diluted anti-CLDN18.2 monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-CLDN18.2 monoclonal antibody binding with CLDN18.2-Nanodisc is 593.6ng/ml.
Molecular Mass	The human full length CLDN18.2 Protein has a MW of 27.5 kDa
Storage	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

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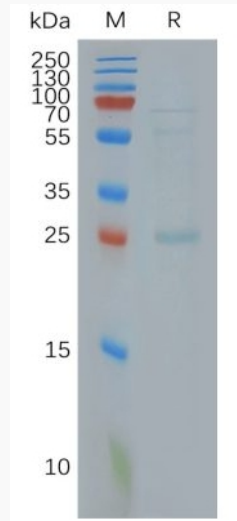
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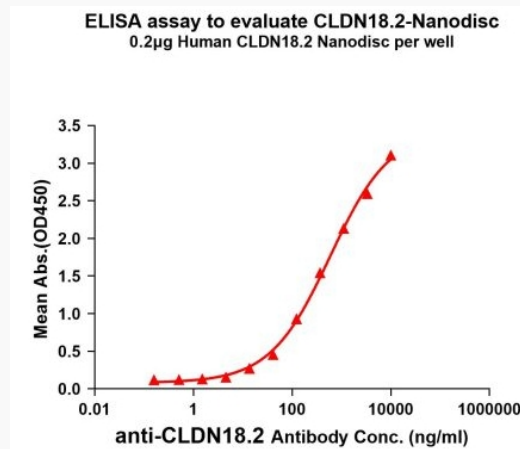
Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

Full Length Full L.

SDS-PAGE



ELISA Data



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