

HUMAN CLDN9 FULL LENGTH PROTEIN

目录: 11062

产品名称: Human CLDN9 Full Length Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: DFNBI16

Target: CLDN9

UNIPROT ID: O95484

描述: Human CLDN9 full length protein-synthetic nanodisc

背景: This protein is a member of the claudin family. Claudins are integral membrane proteins and components of tight junction strands. Tight junction strands serve as a physical barrier to prevent solutes and water from passing freely through the paracellular space between epithelial or endothelial cell sheets, and also play critical roles in maintaining cell polarity and signal transductions. This protein is one of the entry cofactors for hepatitis C virus. Mouse studies revealed that this gene is required for the preservation of sensory cells in the hearing organ and the gene deficiency is associated with deafness.

Species/Host: HEK293

Molecular Weight: The human full length CLDN9 protein has a MW of 22.8 kDa

Formulation & Reconstitution: 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.

储存和运输: 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.

ELISA assay to evaluate CLDN9-Nanodisc
0.2µg Human CLDN9-Nanodisc per well

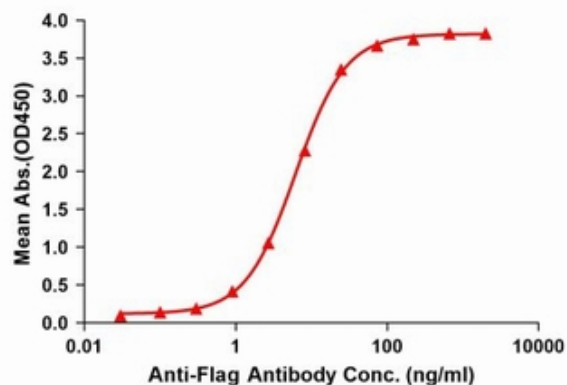


Figure1. Elisa plates were pre-coated with Flag Tag CLDN9-Nanodisc (0.2 µg/per well). Serial diluted Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for Flag monoclonal antibody binding with CLDN9-Nanodisc is 6.168ng/ml.



Figure2. Human CLDN9-Nanodisc, Flag Tag on SDS-PAGE