

HUMAN CLDN2 FULL LENGTH PROTEIN

目录: 11063

产品名称: Human CLDN2 Full Length Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: OAZON

Target: CLDN2

UNIPROT ID: P57739

描述: Human CLDN2 full length protein-synthetic nanodisc

背景: This protein belongs to the claudin protein family whose members have been identified as major integral membrane proteins localized exclusively at tight junctions. Claudins are expressed in an organ-specific manner and regulate tissue-specific physiologic properties of tight junctions. This protein is expressed in the intestine. Alternatively spliced transcript variants with different 5' untranslated region have been found for this gene.

Species/Host: HEK293

Molecular Weight: The human full length CLDN2 protein has a MW of 24.5 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 CLDN2-Nanodisc
0.2µg Human CLDN2-Nanodisc per well

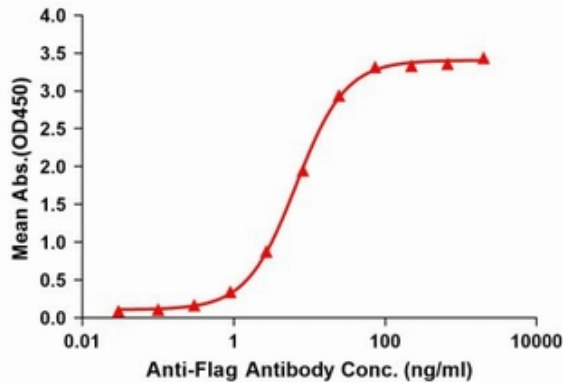


Figure1. Elisa plates were pre-coated with Flag Tag CLDN2-Nanodisc (0.2 µg/per well). Serial diluted Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for Flag monoclonal antibody binding with CLDN2-Nanodisc is 6.681ng/ml.



Figure2. Human CLDN2-Nanodisc, Flag Tag on SDS-PAGE