

Human CLDN5 Full-Length Bioactive Membrane Protein

HDFP060



Product Information

Product SKU:

HDFP060

Size:

10µg

Molecular Weight:

The human full length CLDN5 protein has a MW of 31.4 kDa

Expression System:

HEK293

Uniprot:

O00501

Target:

CLDN5

Antibody Information

Background:

This gene encodes 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. Mutations in this gene have been found in patients with velocardiofacial syndrome. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, May 2018]

Description:

Human CLDN5 full length protein-synthetic nanodisc

Protein Family:

Transmembrane

Protein Pathways:

Cell adhesion molecules (CAMs), Leukocyte transendothelial migration, Tight junction

Synonyms:

AWAL; BEC1; CPETRL1; TMDVCF; TMVCF

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.

Usage:

Research use only

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. Please see Certificate of Analysis for specific instructions.

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