

HDFP508

Product Information

Product SKU:	HDFP508	Expression Host:	HEK293	Size:	10µg
Target:	CLDN6	Tag:	N-MBP Tag, C-Flag Tag		

Additional Information

Conjugate:	Unconjugated	Uniprot ID:	P56747
Molecular Weight:	The human full length MBP-CLDN6 Protein has a MW of 63.3 kDa		

Protein Information

Background: Tight junctions represent one mode of cell-to-cell adhesion in epithelial or endothelial cell sheets, forming continuous seals around cells and serving as a physical barrier to prevent solutes and water from passing freely through the paracellular space. These junctions are comprised of sets of continuous networking strands in the outwardly facing cytoplasmic leaflet, with complementary grooves in the inwardly facing extracytoplasmic leaflet. This gene encodes a component of tight junction strands, which is a member of the claudin family. The protein is an integral membrane protein and is one of the entry cofactors for hepatitis C virus. The gene methylation may be involved in esophageal tumorigenesis. This gene is adjacent to another family member CLDN9 on chromosome 16.

Synonyms: Claudin 6, Claudin-6, Skullin, Claudin6

Protein Description: Human MBP-CLDN6 full length protein-synthetic nanodisc

Formulation: 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

Protein Pathways: Cell adhesion molecules (CAMs), Leukocyte transendothelial migration, Tight junction.

Protein Families: Transmembrane.

Usage: Research use only

Storage & Shipping: 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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