PRODUCT INFORMATION

Tag	C-strep-His
Target	CLDN1
Synonyms	CLD1; ILVASC; SEMP1
Description	Human CLDN1 full length protein-Detergent
Delivery	1 week
Uniprot ID	O95832
Expression Host	E.coli
Protein Families	Transmembrane
Protein Pathways	Cell adhesion molecules (CAMs), Leukocyte transendothelial migration, Pathogenic Escherichia coli infection, Tight junction
Molecular Weight	The human CLDN1 full length protein has a MW of 25kDa
Formulation & Reconstitution	Liquid, 50mM HEPES, 150mM NaCl, 0.06M, 0.012%CHS, pH7.5
Storage&Shipping	Store at -80℃, Ship on dry ice.
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. The protein encoded by this gene, a member of the claudin family, is an integral membrane protein and a component of tight junction strands. Loss of function mutations result in neonatal ichthyosis-sclerosing cholangitis syndrome. [provided by RefSeq, Jul 2008]
Purity	>80%
Usage	Research use only
Conjugate	Unconjugated