PRODUCT INFORMATION

Tag	C-Single Strep&His Tag
Expression Host	E.coli
Target	CLDN6
Description	Human CLDN6 cell-free full length protein-Detergent
Synonyms	Claudin 6, Claudin-6, Skullin,Claudin6
Uniprot ID	P56747
Protein Families	Transmembrane
Protein Pathways	Cell adhesion molecules (CAMs), Leukocyte transendothelial migration, Tight junction
Molecular Weight	The human CLDN6 cell-free full length protein-Detergent has a MW of 25.5kDa
Delivery	1 week
Formulation & Reconstitution	Liquid, 50mM HEPES, 150mM NaCl, 0.06M, 0.012%CHS, pH7.5
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
Storage&Shipping	Store at -80℃, Ship on dry ice.
Purity	>85%
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.
Usage	Research use only
Conjugate	Unconjugated

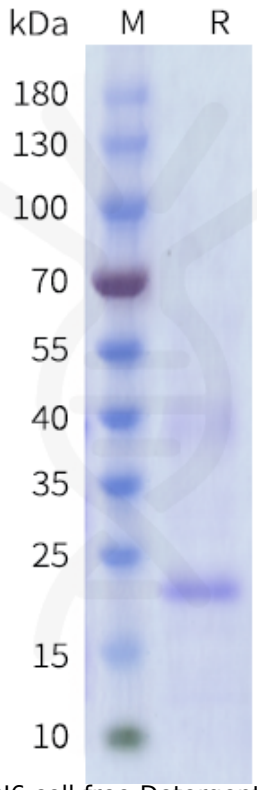

Figure 1. Human CLDN6 cell-free-Detergent,C-Single Strep&His Tag on SDS-PAGE.