PRODUCT INFORMATION

Tag	C-Strep-His
Target	CLDN9
Synonyms	DFNB116
Description	Human CLDN9 full length protein-Nanodisc
Delivery	1 week
Uniprot ID	O95484
Expression Host	E.coli
Protein Families	Transmembrane
Protein Pathways	Cell adhesion molecules (CAMs), Leukocyte transendothelial migration, Tight junction
Molecular Weight	The human CLDN9 full length protein has a MW of 25.1kDa
Formulation & Reconstitution	Liquid, 20mM HEPES, 150mM NaCl, pH7.5
Storage&Shipping	Store at -80℃, Ship on dry ice.
Background	This protein is 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, and also play critical roles in maintaining cell polarity and signal transductions. This protein is one of the entry cofactors for hepatitis C virus. Mouse studies revealed that this gene is required for the preservation of sensory cells in the hearing organ and the gene deficiency is associated with deafness.
Purity	>85%
Usage	Research use only
Conjugate	Unconjugated