

PRODUCT INFORMATION

C-Flag&Strep Tag Tag

CLDN9 **Target Synonyms** DFNB116

Human CLDN9-Strep full length protein-synthetic **Description**

nanodisc **Delivery** 6~8weeks **Uniprot ID** 095484 **Expression Host HEK293**

Protein Families Transmembrane

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

The human full length CLDN9-Strep protein has a **Molecular Weight**

MW of 22.8 kDa

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 Formulation & Reconstitution for specific instructions. Do not use solvents with

pH lower than 6.5 in subsequent experiments. 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 Storage & Shipping at -80°C(Avoid repeated freezing and thawing).

Lyophilized proteins are shipped at ambient

temperature.

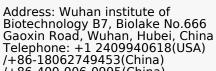
This protein is a member of the claudin family. Claudins are integral membrane proteins and components of tight junction strands. Tight junction strands serve as a physical barrier to prevent solutes and water from passing freely through the paracellular space between epithelial or endothelial cell sheets, 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

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deafness.

Research use only Usage



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Background

