Human CLDN5-Strep full length protein-synthetic nanodisc

Cat. No. FLP120079

PRODUCT INFORMATION

Tag	**Warning**: Undefined variable $hasAttributeValueDescription in **/www/wwwroot/tech.dimabio.cn/wp-content/plugins/woocommerce-print-products/public/class-woocommerce-print-products-public.php** on line **2806** C-Flag&Strep Tag
Target	CLDN5
Synonyms	AWAL; BEC1; CPETRL1; TMDVCF; TMVCF
Description	Human CLDN5-Strep full length protein-synthetic nanodisc
Delivery	6~8weeks
Uniprot ID	O00501
Expression Host	HEK293
Protein Families	Transmembrane
Protein Pathways	Cell adhesion molecules (CAMs), Leukocyte transendothelial migration, Tight junction
Molecular Weight	The human full length CLDN5-Strep protein has a MW of 23.1 kDa
Formulation & Reconstitution	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
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.
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. Mutations in this gene have been found in patients with velocardiofacial syndrome.
Usage	Research use only
Conjugate	Unconjugated

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