

Nanodisc Human CLDN5 Protein

HDFP060

Description

This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	HDFP060
Contents:	10µg Bradford Reagent: 1 vial (2ml)
Category:	Full Length Transmembrane Proteins
Synonyms:	AWAL, BEC1, CPETRL1, TMDVCF, TMVCF
Tag:	C-Flag Tag
Target:	CLDN5
Conjugation:	Unconjugated
Expression Host:	HEK293

Protein Data

Uniprot ID:	O00501
Protein Families:	Transmembrane
Protein Pathways:	Cell adhesion molecules (CAMs), Leukocyte transendothelial migration, Tight junction
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 specific instructions of reconstitution.
Molecular Weight:	The human full length CLDN5 protein has a MW of 23.1 kDa
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

Manufacturers Statement: This final kit system is assembled and quality-released by Assay Genie Limited.

-80°C(Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Store Bradford Reagent at Room Temperature for 1 year.

Usage: Research use only

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol