Nanodisc Human MLC1 Protein

HDFP068

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:	HDFP068
Contents:	10µg Bradford Reagent: 1 vial (2ml)
Category:	Full Length Transmembrane Proteins
Synonyms:	LVM, MLC, VL
Tag:	C-Flag Tag
Target:	MLC1
Conjugation:	Unconjugated
Expression Host:	HEK293

Protein Data

Uniprot ID:	Q15049
Protein Families:	Ion Channels: Other, Transmembrane
Protein Pathways:	N/A
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 MLC1 protein has a MW of 41.2 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

	-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