

PRODUCT INFORMATION

C-Flag&Strep Tag Tag

MLC1 **Target**

Synonyms LVM; MLC; VL

Human MLC1-Strep full length protein-synthetic **Description**

nanodisc **Delivery** 6~8weeks **Uniprot ID** Q15049 **Expression Host HEK293**

Protein Families Ion Channels: Other, Transmembrane

Protein Pathways N/A

Background

The human full length MLC1-Strep protein has a **Molecular Weight**

MW of 41.2 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 Formulation & Reconstitution lyophilization. Please see Certificate of Analysis

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). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature.

The function of this protein is unknown; however, homology to other proteins suggests that it may be an integral membrane transporter. Mutations

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in this gene have been associated with megalencephalic leukoencephalopathy with subcortical cysts, an autosomal recessive neurological disorder. Alternatively spliced transcript variants encoding different isoforms

have been identified.

Usage Research use only Conjugate Unconjugated

