

PRODUCT INFORMATION

Target MLC1

Synonyms LVM; MLC; VL

Description Human MLC1 full length protein-MNP

Delivery In Stock
Uniprot ID Q15049
Expression Host HEK293

Protein Families Ion Channels: Other, Transmembrane

Protein Pathways N/A

Background

Molecular Weight The human full length MLC1 protein has a MW of

41.2 kDa

Formulation & Lyophilized from PBS. Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis

for specific instructions.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

Storage & Shipping intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).

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

in this gene have been associated with megalencephalic leukoencephalopathy with subcortical cysts, an autosomal recessive

subcortical cysts, an autosomal recessive neurological disorder. Alternatively spliced transcript variants encoding different isoforms

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have been identified.

Usage Research use only

Conjugate Unconjugated





ELISA assay to evaluate MLC1-MNP 0.5µg Human MLC1-MNP per well

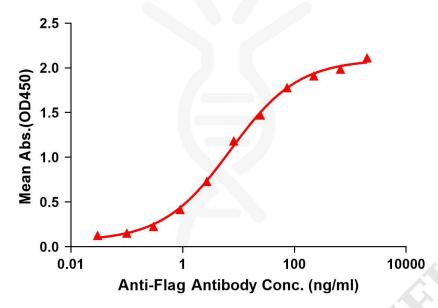


Figure 1. Elisa plates were pre-coated with 0.5µg/per well purified human MLC1 full length membrane nanoparticles. Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with MLC1 full length membrane nanoparticles is 7.148ng/ml.

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