

## Active Recombinant Human MLC1 Full Length Transmembrane protein(Nanodisc)

Cat. No. MLC1-3927H Lot. No. (See product label)

### SPECIFICATION

**Product Overview**

Recombinant Human MLC1 Full Length Transmembrane protein(Q15049), was expressed in HEK293.

**Species**

Human

**Source**

HEK293

**Form**

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.

**Bio-activity**

Elisa plates were pre-coated with Flag Tag MLC1-Nanodisc (0.2µg/per well). 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-Nanodisc is 2.111ng/ml.

**Molecular Mass**

The human full length MLC1 protein has a MW of 41.2 kDa.

**Storage**

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.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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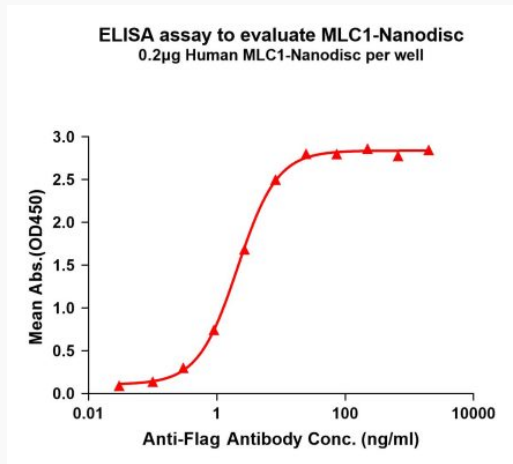
 45-1 Ramsey Road, Shirley, NY 11967, USA

**Full Length** Full L.**GENE INFORMATION**

<b>Gene Name</b>	MLC1 megalencephalic leukoencephalopathy with subcortical cysts 1 [ Homo sapiens ]
<b>Official Symbol</b>	MLC1
<b>Synonyms</b>	MLC1; megalencephalic leukoencephalopathy with subcortical cysts 1; membrane protein MLC1; KIAA0027; LVM; MLC; VL;
<b>Gene ID</b>	23209
<b>mRNA Refseq</b>	NM_015166
<b>Protein Refseq</b>	NP_055981
<b>MIM</b>	605908
<b>UniProt ID</b>	Q15049

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**Activity**



**SDS-PAGE**

