

Product Information

MemDX™ Membrane Protein Human POMT2 (Protein O-mannosyltransferase 2) Full Length

Cat. No.: **MPC2271K**

This product is for research use only and is not intended for diagnostic use.

This product is a 84.2 kDa Human POMT2 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

POMT2

Protein Length

Full length

Protein Class

Transferase

Molecular Weight

84.2 kDa

TMD

10

Sequence

MPPATGGGLAESELPRRRGRCGPQAARAAGRDVAAEAVARSPKRPAWGSR
RFEAVGWWALLALVTLLSFATRFHRLDEPPHICWDETHFGKMGSYYINRT
FFFDVHPPLGKMLIGLAGYLSGYDGTFLFQKPGDKYEHHSYMGMRGFCAF
LGSWLVPFAYLTVLDLSKLSAALLTAALLTFDTGCLTSLQYILLDPILM
FFIMAAMLSMVKYNSCADRPFSAPWWFWLSLTGVSLAGALGVKFVGLFII
LQVGLNTIADLWYLFGLDLSLSLTVGKHLTARVLCILVPLALYTATFAV
HFMVLSKSGPGDGFSSAFQARLSGNNLHNASIEHLAYGSVITVKNLRM
AIGYLHSHRHLYPEGIGARQQVTTYLHKDYNLWIIKKHNTNSDPLDPS
FPVEFVRHGDIIIRLEHKETSRNLHSHYHEAPMTRKHYYQVTGYGINGTGDS
NDFWRIEVVNRKFGNRIKVLRSRIRFIHLVTGCVLGSSGKVLPKWGWEQL
EVTCTPYLKETLNSIWNVEDHINPKLPNISLDVLQPSFPEILLESMMVMI
RGNSGLPKPDNEFTSKPWHWPINYQGLRFSGVNDTDFRVYLLGNPVVWWL
NLLSIALYLLSGSIIAVAMQRGARLPAEVAGLSQVLLRGGGQVLLGWTLLH
YFPFFLMGRVLYFHYYFPAMLFSSMLTGILWDTLRLCAWGLASWPLARG
IHVAGILSLLLGTAYSFYLFHPLAYGMVGPLAQDPQSPMAGLRWLDWDF

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

POMT2

Full Name

Protein O-mannosyltransferase 2

Introduction

The protein encoded by this gene is an O-mannosyltransferase that requires interaction with the product of the POMT1 gene for enzymatic function. The encoded protein is found in the membrane of the endoplasmic reticulum. Defects in this gene are a cause of Walker-Warburg syndrome (WWS).

Alternative Names

POMT2; LGMD2N; MDDGA2; MDDGB2; MDDGC2; LGMDR14; protein O-mannosyl-transferase 2; dolichyl-phosphate-mannose--protein mannosyltransferase 2; Protein O-mannosyltransferase 2

Gene ID

[29954](#)

UniProt ID

[Q9UKY4](#)