

Product Information

MemDX™ Membrane Protein Human DOLPP1 (Dolichyldiphosphatase 1) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX2273K**

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

This product is a Human DOLPP1 membrane protein expressed *in vitro* *E.coli* expression system. 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

DOLPP1

Protein Length

Full Length

Protein Class

Receptor

TMD

4

Sequence

MAADGQCSLPASWRPVTLTHTVEYPAGDLSGHLAYLSLSPVFVIVGFVTLIIKFRELHTISFLGGLALNEGVDNWLKKNVIQEPKCGG

Product Description

Expression Systems

in vitro *E.coli* expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

DOLPP1

Full Name

Dolichyldiphosphatase 1

Introduction

A similar gene has been characterized in mice and encodes dolichyl pyrophosphate (Dol-P-P) phosphatase. This protein dephosphorylates dolichyl pyrophosphate so that it may be re-utilized as a glycosyl carrier lipid by the oligosaccharyltransferase multisubunit complex in the ER. Alternative splicing results in multiple transcript variants and protein isoforms.

Alternative Names

DOLPP1; LSFR2; dolichyl pyrophosphate phosphatase 1; linked to Surfeit genes in Fugu rubripes 2; Dolichyldiphosphatase 1

Gene ID

[57171](#)

UniProt ID

[Q86YN1](#)