Recombinant Full Length Human DOLPP1 Protein, GST-tagged

Cat. No. DOLPP1-3949HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DOLPP1 full-length ORF (NP_065171.2, 1 a.a. - 238 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	238 amino acids
Description	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. [provided by RefSeq, Jun 2012]
Molecular Mass	53.4 kDa
AA Sequence	MAADGQCSLPASWRPVTLTHVEYPAGDLSGHLLAYLSLSPVFVIVGFVTLIIFKRELH TISFLGGLALNEGVNWLIKNVIQEPRPCGGPHTAVGTKYGMPSSHSQFMWFFSVYS FLFLYLRMHQTNNARFLDLLWRHVLSLGLLAVAFLVSYSRVYLLYHTWSQVLYGGIA GGLMAIAWFIFTQEVLTPLFPRIAAWPVSEFFLIRDTSLIPNVLWFEYTVTRAEARNRQ RKLGTKLQ
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	DOLPP1 dolichyl pyrophosphate phosphatase 1 [Homo sapiens]
Official Symbol	DOLPP1
Synonyms	DOLPP1; dolichyl pyrophosphate phosphatase 1; dolichyldiphosphatase 1; linked to Surfeit genes in Fugu rubripes 2; LSFR2;
Gene ID	57171
mRNA Refseq	NM_001135917
Protein Refseq	NP_001129389
MIM	614516
UniProt ID	Q86YN1

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