

Recombinant Full Length Human DPM3 Protein, GST-tagged

Cat. No. DPM3-4080HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DPM3 full-length ORF (NP_061846.2, 1 a.a. - 122 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	122 amino acids
Description	Dolichol-phosphate mannose (Dol-P-Man) serves as a donor of mannosyl residues on the luminal side of the endoplasmic reticulum (ER). Lack of Dol-P-Man results in defective surface expression of GPI-anchored proteins. Dol-P-Man is synthesized from GDP-mannose and dolichol-phosphate on the cytosolic side of the ER by the enzyme dolichyl-phosphate mannosyltransferase. The protein encoded by this gene is a subunit of dolichyl-phosphate mannosyltransferase and acts as a stabilizer subunit of the dolichyl-phosphate mannosyltransferase complex. [provided by RefSeq, Jul 2008]
Molecular Mass	39.7 kDa
AA Sequence	MLSVGGLRLSLVRFSFLLLRGALLPSLAVTMTKLAQWLWGLAILGSTWVALTTGALG LELPLSCQEVLWPLPAYLLVSAGCYALGTVGYRVATFHDCEAARELQSQIQEARA DLARRGLRF
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) 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	DPM3 dolichyl-phosphate mannosyltransferase polypeptide 3 [Homo sapiens]
Official Symbol	DPM3
Synonyms	DPM3; dolichyl-phosphate mannosyltransferase polypeptide 3; dolichol-phosphate mannosyltransferase subunit 3; MGC34275; MGC125904; MGC125905; prostin 1; prostin-1; MPD synthase subunit 3; DPM synthase complex subunit 3; mannose-P-dolichol synthase subunit 3; dolichol-phosphate mannose synthase subunit 3; dolichyl-phosphate beta-D-mannosyltransferase subunit 3; CDG10;
Gene ID	54344
mRNA Refseq	NM_018973
Protein Refseq	NP_061846
MIM	605951
UniProt ID	Q9P2X0

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