

Product datasheet for **TP312952L**

DPM3 (NM_018973) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human dolichyl-phosphate mannosyltransferase polypeptide 3 (DPM3), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212952 protein sequence Red =Cloning site Green =Tags(s)
	 MLSVGGLRRLSLVRFSLLLRGALLPSLAVTMTKLAQWLWGLAILGSTWVALTTGALGLELPLSCQEVLP LPAYLLVSAGCYALGTVGYRVATFHDCEAARELQSQIQEARADLARRGLRF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	13.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_061846
Locus ID:	54344
UniProt ID:	Q9P2X0 , A0A140VJ14
RefSeq Size:	532



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Cytogenetics: 1q22

RefSeq ORF: 366

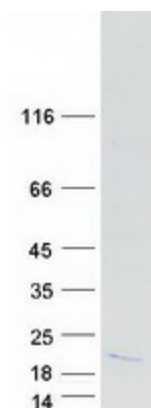
Synonyms: CDG10; MDDGB15; MDDGC15

Summary: 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]

Protein Families: Transmembrane

Protein Pathways: Metabolic pathways, N-Glycan biosynthesis

Product images:



Coomassie blue staining of purified DPM3 protein (Cat# [TP312952]). The protein was produced from HEK293T cells transfected with DPM3 cDNA clone (Cat# [RC212952]) using MegaTran 2.0 (Cat# [TT210002]).