

Product datasheet for TP500175

Dpm2 (NM_010073) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse dolichol-phosphate (beta-D) mannosyltransferase 2 (Dpm2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR200175 representing NM_010073 Red=Cloning site Green=Tags(s) MATGTDQAVGFGLVAVSLIIFTYYTTWVILLPFIDSQHVHVKYFLPRAYAVLLPLAAGLLLLLVGLFIT YVMLKSQKITKKAQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	9.8 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
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 after receiving vials.
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:	<u>NP_034203</u>
Locus ID:	13481
UniProt ID:	<u>Q9Z324</u> , <u>Q545R7</u>
RefSeq Size:	877
Cytogenetics:	2 B
RefSeq ORF:	252



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Synonyms: AW557993; R75484

Summary: Regulates the biosynthesis of dolichol phosphate-mannose. Regulatory subunit of the dolichol-phosphate mannose (DPM) synthase complex; essential for the ER localization and stable expression of DPM1. When associated with the GPI-GlcNAc transferase (GPI-GnT) complex enhances but is not essential for its activity (By similarity).[UniProtKB/Swiss-Prot Function]