

Product datasheet for **TP504495**

Gdpd1 (NM_025638) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse glycerophosphodiester phosphodiesterase domain containing 1 (Gdpd1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204495 protein sequence Red =Cloning site Green =Tags(s) MSSTAAFCLLSTLGGYLVTSFLLLKYPALLHQRKKQRFLSRHISHRGGAGENLENTMAAFQHAVTIGTDM LELDCHITKDEQVVSHDANLKRSTGVNVNVDLKYCELPPYLCKLDVPFQRACKCEGKDTRIPLLKEVF EAFPETPINIDIKVNNNVLIKKVSELVKQYKREHLTVWGNANSEIVDKCYKENS DIPILFSLQRVLLILG LFFTGLLPFVPIREQFFEIPMPSIILKLKEPHTISKGHKFLIWLSDTLLMRKALFDHLTARGIQVYVWVL NEEYEYKRAFDLGATGVMTDYPTKLKDFLNNFSA TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	35.9 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_079914</u>
Locus ID:	66569
UniProt ID:	<u>Q9CRY7</u>


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RefSeq Size: 2484

Cytogenetics: 11 C

RefSeq ORF: 942

Synonyms: 2610020H15Rik

Summary: Hydrolyzes lysoglycerophospholipids to produce lysophosphatidic acid (LPA) and the corresponding amines (PubMed:25528375, PubMed:25596343). Shows a preference for 1-O-alkyl-sn-glycero-3-phosphocholine (lyso-PAF), lysophosphatidylethanolamine (lyso-PE) and lysophosphatidylcholine (lyso-PC) (PubMed:25528375, PubMed:25596343). May be involved in bioactive N-acylethanolamine biosynthesis (PubMed:25596343). Does not display glycerophosphodiester phosphodiesterase activity, since it cannot hydrolyze either glycerophosphoinositol or glycerophosphocholine (PubMed:25528375).[UniProtKB/Swiss-Prot Function]