

## Product datasheet for **TP510488**

### Plcd1 (NM\_019676) Mouse Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Mouse phospholipase C, delta 1 (Plcd1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

**Species:** Mouse

**Expression Host:** HEK293T

**Expression cDNA** >MR210488 protein sequence

**Clone or AA** **Red**=Cloning site **Green**=Tags(s)

**Sequence:**

MDSGRDFLTLHGLQDDPDLQALLKGSQLLKVKSSSWRRERFYKLQEDCKTIWQESRKVMRSPESQLFSIE  
DIQEVRMGHRTEGLEKFARDIPEDRCFSIVFKDQRNTLDLIAPSPADVQHWWQGLRKIIDRSGSMDQRQK  
LQHWIHSCLRKADKNKDNKMNFKVKDFLKELVNQVDDSYARKIFRECDHSQTDSELEDEEIEFYRMLTQ  
RVEIDRAFAEAAGSAETLSVEKLVTLQHQQREEEAGPALALSLIERYEPSETAKAQRQMTKDGFLMYLL  
SADGNAFSLAHRVYQDMNQPLSHYLVSSSHNTYLLDQLTGPSSTEAYIRALCKGCRCLELDCWDGPNQ  
EPIIYHGYTFTSKILFCDVLRIRDYAFKASPYPVILSLENHCSLEQQRVMAHHLRAILGPMLLDQPLDG  
VTTSLPSPEQLKEKILLKGKLLGLLPAGGENGPEATDVSEDEAAEMEDEAVRSQVQHKPKEDKLLKLV  
ELSDMVIYCKSVHFGGFSSPSTSGQAFYEMASFSERLRLQLQESGNSFVRHNVGHLSRIYPAGWRTDSS  
NYSVPVEMWNGGCQIVALNFQTPGPEMDVYLGCFQDNGGCGYVLKPAFLRDPDTTFNSRALTQGPWWAPKK  
LRVWIIISGQQLPKVNKNKNSIVDPKIVIVEIHGVGQDVASRQTAVITNNGFNPRWDEFEFVAVPDLALV  
RFMVEDYDSSSKNDFIGQSTIPWNSLKQGYRHHVHLLSKNGDLHPSATLQVKSISIQD

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-MYC/DDK

**Predicted MW:** 85.9 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.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_062650</a>
<b>Locus ID:</b>	18799
<b>UniProt ID:</b>	<a href="#">Q8R3B1</a>
<b>RefSeq Size:</b>	2657
<b>Cytogenetics:</b>	9 F3
<b>RefSeq ORF:</b>	2271
<b>Synonyms:</b>	AW212592; C79986
<b>Summary:</b>	The production of the second messenger molecules diacylglycerol (DAG) and inositol 1,4,5-trisphosphate (IP3) is mediated by activated phosphatidylinositol-specific phospholipase C enzymes. Essential for trophoblast and placental development.[UniProtKB/Swiss-Prot Function]