

Product datasheet for **TP520078**

Pla2g4d (NM_001024137) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse phospholipase A2, group IVD (Pla2g4d), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR220078 protein sequence Red =Cloning site Green =Tags(s)

MWSGDRRVGMESLSPERLHGHPYQEEASVFCRLTVKILEARSLPRADLLSQADPYVTVQLPTASGMKFKT
QTVTNSSHPVWNETFSFLIQSQVKNILELTIYDEDVITKDDICFKVSYDVSEILPGQLLQKTFSLNPQGP
EELDVLLMERTWDPPELITNINVLVARELSHLDVSLDRAGNTAMAAGQDKLELEMLKGSYEDTQTFLL
DTAFTFSFHYMRGQDTELNGYLRGPRNSGWSNDSVTPFNVPLMSLAAGKEMTIDIPAMKAPEGKQLKLT
DCCPKELSVRLSYGLCPPEQAFLSRRKKVAAAALKQALQLDEDLNEDEVPVVGINAEGGGMRAMISLYGH
LLALQKLGLLDCVTFYFSGISGSTWTMAHLYRDPESQRDLEGPISHAREHVAKTLLKEFLPEHLASYRQT
LKLREEQGYTVTVADLWGLVLESKLHGQVTDQKLSGQRAALERGQNPLPLYLSLNVKENHLETLHFKEWV
EFSPYEVGFLKYGGFVPSSELFGSEFFMGRLMKRLPESQICFLEGIWSNLFVSNLMDIWDITYGKDSNNF
PVDVRNSEKEFSGSAGTSSGVEAPWLESGTALAQALKGFLTGRPFHQRSANFLHGLQLHRDYCNQRHFST
WADCNLDDTPNQLTPQDPQLCLIDAGCFMNSSCPSLFRPGRQVDLIISFNYNQSLPFKGLQQSEKYSRAR
GLPFPRVEPSPEDHSQPQECYLFSDPTCEAPVVLHFPLVNDSEFRDHSAPGVRRSPDELKAGQVNLTGAA
SPYFMYNMTYKNEDFDRLQLSDYINVQNNQGTLQALRTVLKRRASETRPLGVKT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	93.1 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
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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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_001019308
Locus ID:	78390
UniProt ID:	Q50L43
RefSeq Size:	3311
Cytogenetics:	2 E5
RefSeq ORF:	2478
Synonyms:	2610311B01Rik; cPLA2delta; Pla2delta
Summary:	Calcium-dependent phospholipase A2 that selectively hydrolyzes glycerophospholipids in the sn-2 position (PubMed:15866882). Compared to its human ortholog, may have no preference for the fatty acid found at the sn-2 position (PubMed:15866882).[UniProtKB/Swiss-Prot Function]