

Product datasheet for **TP510470**

Pla2g6 (NM_016915) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse phospholipase A2, group VI (Pla2g6), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210470 protein sequence Red =Cloning site Green =Tags(s)
	<p>MQFFGRLVNTLSSVTNLFSPFRVKEVSLTDYVSSERVREEGQLILLQNVSNRTWDCVLVSPRNPQSGFR LFQLESEADALVNFQQFSSQLPPFYESSVQLHVEVLQHLTDLIRNHPSWTVTHLAVELGIRECFHHSRI ISCANSTENEEGCTPLHLACRKGDSEILVELVQYCHAQMDVTDNKGETAFHYAVQGDNPQVLQLLGKNAS AGLNQVNNQGLTPLHLACKMGKQEMVRVLLLCNARCNIMGPGGFPIHTAMKFSQKGAEMIISMDSNQIH SKDPRYGASPLHWAKNAEMARMLLKRGCVDVSTSSSGNTALHVAVMRNRFDCVMVLLTYGANAGARGEHG NTPLHLAMSKDNMEMVKALIVFGAEVDTPNDFGETPALIASKISKQLQDLMPISRARKPAFILSSMRDEK RSHDHLLCLDGGGVKGLVIIQLLIAIEKASGVATKDLFDWVAGTSTGGILAILHKSMMAYMRGVYFRM KDEVFRGSRPYESGPLEEFLKREFGEHTKMTDVKKPKVMLTGTLSDRQPAELHLFRNYDAPEAVREPRCN QNINLKPPTQPADQLVWRAARSSGAAPTYFRPNRFLDGGLLANNPTLDAMTEIHEYNQDMIRKQGQGNKV KKLSIVVSLGTGKSPQVPVTCVDVFRPSNPWELAKTVFGAKELGKMVVDCCDTPDGRAVDRARAWCEMVG IQYFRLNPQLGSDIMLDEVSDAVLVNALWETEVYIYEHREEFQKLVQLLLSP</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	83.7 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_058611
Locus ID:	53357
UniProt ID:	P97819 , Q3UN31 , Q3U613
RefSeq Size:	3106
Cytogenetics:	15 E1
RefSeq ORF:	2259
Synonyms:	BB112799; iPLA(2)beta; iPLA2; iPLA2beta; PNPLA9
Summary:	Catalyzes the release of fatty acids from phospholipids. It has been implicated in normal phospholipid remodeling, nitric oxide-induced or vasopressin-induced arachidonic acid release and in leukotriene and prostaglandin production. May participate in fas mediated apoptosis and in regulating transmembrane ion flux in glucose-stimulated B-cells. Has a role in cardiolipin (CL) deacylation. Required for both speed and directionality of monocyte MCP1/CCL2-induced chemotaxis through regulation of F-actin polymerization at the pseudopods (By similarity). [UniProtKB/Swiss-Prot Function]