

Product datasheet for **TP525356**

Pla2g1b (NM_011107) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse phospholipase A2, group IB, pancreas (Pla2g1b), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR225356 protein sequence Red =Cloning site Green =Tags(s)

MKLLLLAALLTAGAAAHISIPRAWQFRNMIKCTIPGSDPLKDYNNGCYCGLGGWGTPVDDLDRCCQTH
DHCYSQAKKLESCFLIDNPYNTYSYSCSGSEITCSAKNNKCEDFICNCDREAAICFSKVPYNKEYKNL
DTGKFC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	16.3 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:	NP_035237
Locus ID:	18778
UniProt ID:	Q9Z0Y2
RefSeq Size:	552
Cytogenetics:	5 F



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RefSeq ORF: 441

Synonyms: Pla2a; sPLA2IB

Summary: PA2 catalyzes the calcium-dependent hydrolysis of the 2-acyl groups in 3-sn-phosphoglycerides, this releases glycerophospholipids and arachidonic acid that serve as the precursors of signal molecules.[UniProtKB/Swiss-Prot Function]