

Product datasheet for **TP507283**

Pla1a (NM_134102) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse phospholipase A1 member A (Pla1a), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207283 protein sequence Red =Cloning site Green =Tags(s)

MRPGLWETCFWLWGPLLWLSIGSSGNVPPPTQPKCTDFQSANLLRGTNLKVQFLLFTSPDPSCGQLVEEG
SDIRSSEFNASLRKVIHGFRLGTPKSWIDKFISAVLRAADANVIAVDWVYGSTGVYSAVENVVKLS
LEISRFLSKLLELGVSESSIHIIGVSLGAHVGGMVGHFYKQQLGQITGLDPAGPEYTRASLEERLDAGDA
LFVEAIHTDNDLGIPIVGHVDYFVNGGQDQPGCPAFFHAGYNYLICDHMRAVHLYISALENTCPLMAF
PCASYKAFLAGDCLDCFNPFLSCLRIGLVERGGVMIEPLPKEVKVYLLTSSAPYCVHHSLVEFYLKEK
RKKDTSIEVTFLSNNTSSVKITIPKQQLLEGRGVM AHPNPQCQINQVKLKFQVSSRVWRKDRTPVVGTFC
TAPLPVNDSSKKTVCIEPEVRLQAGVPAFQDLKIACV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	50.1 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.
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_598863
Locus ID:	85031



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UniProt ID:	Q8VI78
RefSeq Size:	1994
Cytogenetics:	16 26.83 cM
RefSeq ORF:	1371
Synonyms:	AA986889; Ps-pla1; Pspla1
Summary:	Hydrolyzes the ester bond at the sn-1 position of glycerophospholipids and produces 2-acyl lysophospholipids. Hydrolyzes phosphatidylserine (PS) in the form of liposomes and 1-acyl-2 lysophosphatidylserine (lyso-PS), but not triolein, phosphatidylcholine (PC), phosphatidylethanolamine (PE), phosphatidic acid (PA) or phosphatidylinositol (PI). Hydrolysis of lyso-PS in peritoneal mast cells activated by receptors for IgE leads to stimulate histamine production (By similarity).[UniProtKB/Swiss-Prot Function]