

Product datasheet for **TP525901**

Pla2g15 (NM_133792) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse phospholipase A2, group XV (Pla2g15), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR225901 representing NM_133792 Red =Cloning site Green =Tags(s)
	<p>MDRHLCTCRETQLRSGLLLPLFLLMMLADLTLPQRHPPVVLVPGDLGNQLEAKLDPKVVHYLCSKKT SYFTLWLNLELLLPVIIDCWIDNIRLVYNRTSRATQFPDGDVVRVPGFGETFSMEFLDPSKRVGVSFYFT MVESLVGWGYTRGEDVRGAPYDWRAPNENGPYFLALREMIEEMYQMYGGPVVLAHSMGNVYMLYFLQR QPQVWKDKYIHAFVSLGAPWGGVAKTLRVLASGDNNRIPVIGPLKIREQQRSAVSTSWLLPYNHTWSHEK VFVYPTTNYTLRDYHRFFRDIGFEDGWFMQRDTEGLVEAMTPPGVELHCLYGTGVPTNSFYYESFPDR DPKICFGDGDGTVNLESVLQCQAWQSRQEHRVSLQELPGSEHIEMLANATTLAYLKRVLLEP</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	47.8 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_598553
Locus ID:	192654
UniProt ID:	Q8VEB4



[View online »](#)

RefSeq Size:	2721
Cytogenetics:	8 D3
RefSeq ORF:	1236
Synonyms:	ACS; C87498; LLPL; Lpla2; Lypla3
Summary:	Has transacylase and calcium-independent phospholipase A2 activity. Catalyzes the formation of 1-O-acyl-N-acetylsphingosine and the concomitant release of a lyso-phospholipid (PubMed:11790796, PubMed:16106046, PubMed:16880524, PubMed:19017977, PubMed:20410020). Has high activity with 1-palmitoyl-2-oleoyl-sn-glycero-3-phosphocholine (POPC) and 1,2-dioleoyl-sn-glycero-3-phosphocholine (DOPC), catalyzing the transfer of oleic acid to N-acetyl-sphingosine (PubMed:16880524). Required for normal phospholipid degradation in alveolar and peritoneal macrophages and in spleen (PubMed:16880524, PubMed:19017977). [UniProtKB/Swiss-Prot Function]