

## Product datasheet for **TP501855**

### Pla2g12a (BC026812) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse phospholipase A2, group X1IA (cDNA clone MGC:25458 IMAGE:4456431), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201855 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MVTPRPAPARGPALLLLLLLATARGQEQDQTDDWRATLKTIRNGIHKIDTYLNAALDLLGGEDGLCQYKC SDGSKPVPRYGYKPSPPNGCGSPLFGVHLNIGIPSLTKCCNQHDCRYETCGKSKNDCDEEFQYCLSKICR DVQKTLGLSQNVQACETTVELLFDSVIHLGCKPYLDSQRAACWCRYEEKTDL</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-MYC/DDK
Predicted MW:	21.3 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.
Locus ID:	66350
UniProt ID:	<a href="#">Q9EPR2</a>
RefSeq Size:	1022
Cytogenetics:	3 G3



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RefSeq ORF: 576

Synonyms: mGXII-1-PLA2, MGC58884, GXII, mGXII-1, Rossy

Summary: PA2 catalyzes the calcium-dependent hydrolysis of the 2-acyl groups in 3-sn-phosphoglycerides. Does not exhibit detectable activity toward sn-2-arachidonoyl- or linoleoyl-phosphatidylcholine or -phosphatidylethanolamine (By similarity).[UniProtKB/Swiss-Prot Function]