

Product datasheet for TP506522

Pnpla3 (NM_054088) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse patatin-like phospholipase domain containing 3 (Pnpla3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206522 protein sequence Red =Cloning site Green =Tags(s)
	<p>MYDPERRWLSFAGCGFLGFYHVGATLCLSERAPHLLRDARTFFGCSAGALHAVTFVCSLPLGRIMEILM DLVRKARSRNIGTLHPFFNINKCIRDGLQESLPDNVHQVISGKVHISLTRVSDGENVLVSEFHSKDEVVD ALVCSCFIPLFSGLIPPSFRGERVVDGGVSDNVPVLDAKTITVSPFYGEHDICPKVKSTNFFHVNITNL SLRLCTGNLQLLTRALFPSDVKVMGELCYQGYLDAFRFLEENGICNGPQRSLSLSLVAPEACLENGKLVG DKVPVSLCFTDENIWETLSPELSTALSEAIKDREGYLSKVCNLLPVRILSYIMLPCSLPVESAIAAVHRL VTWLPDIQDDIQWLQWATSQVCARMTMCLLPSTRSRASKDDHRMLKHHGHHSPHKKPQGNSAGL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	45.8 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_473429
Locus ID:	116939
UniProt ID:	Q91WWZ , E9QNZ9



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RefSeq Size: 4649

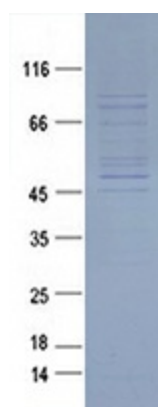
Cytogenetics: 15 E2

RefSeq ORF: 1242

Synonyms: Adpn

Summary: Specifically catalyzes coenzyme A (CoA)-dependent acylation of 1-acyl-sn-glycerol 3-phosphate (2-lysophosphatidic acid/LPA) to generate phosphatidic acid (PA), an important metabolic intermediate and precursor for both triglycerides and glycerophospholipids. Does not esterify other lysophospholipids. Acyl donors are long chain (at least C16) fatty acyl-CoAs: arachidonoyl-CoA, linoleoyl-CoA, oleoyl-CoA and at a lesser extent palmitoyl-CoA (PubMed:22560221). Additionally possesses low triacylglycerol lipase and CoA-independent acylglycerol transacylase activities and thus may play a role in acyl-chain remodeling of triglycerides (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Purified recombinant protein Pnpla3 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.