

Product datasheet for TP525856

Pnpla6 (NM_015801) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse patatin-like phospholipase domain containing 6 (Pnpla6), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR225856 representing NM_015801 Red=Cloning site Green=Tags(s)

MEAPLQTGMVLGVMIGAGVAVLVTAVLILLVRRRLRVQKTPAPEGPRYRFRKRDKVLFYGRKIMRKVSQS
TSSLVDTSVSTTSRPRMKKKLMKLNIAKKILRIQKETPTLQRKEPPPSVLEADLTEGDLANSHLPSEVLY
MLKNVRVLGHFEKPLFLELCRHMVFQRLGQGDYVFRPGQPDASIYVQDGLLELCLPGPDGKECVVKEV
PGDSVNSLLSILDVITGHQHPQRTVSARAARDSTVLRPLVEAFSAVFTKYPESLVRVVQIIMVRLQRVTF
LALHNYLGLTNELFSHEIQPLRFPSPGLPTRTSPVRGSKRVVSTSGTEDTSKETSGRPLDSIGAPLPGP
AGDPVKPTSLEAPPAPLLSRCISMPVDISGLQGGPRSDFDMAYERGRISVSLQEEASGGPQTASPRPTQ
ELREQPAGACEYSYCEDESATGGCFPGPYQGRQTSSIFEAAKRELAKLMRIEDPSSLNSRVLLHHAAGT
IARQGDQDVS LHFVLWGCLHVYQRMIDKAEVCLFVAQPGELVGLAVLTGEPLIFTLRAQRDCTFLRI
SKSHFYEIMRAQPSVVLAAHTVAARMSPFVRQMDFAIDWTAVEAGRALYRQGDRSDCTIYVNLGRLRSV
IQRGSGKKELVGEYGRGDLIGVVEALTRQPRATTVHAVRDELAKLPEGTLGHIKRRYPQVTRLIHLLS
QKILGNLQQLQGPFGSGLSVPQHSELTPASNLSTVAILPVCAEVPMMMAFTLELQHALQAIGPTLLNS
DVIRALLGASALDSIQEFRLSGWLAQQEDAHRIVLYQTDTSLTPWTVRCLRQADCILIVGLGDQEPVVGQ
LEQMLENTAVRALKQLVLLHREEGPGPTRTVEWLNMRSWCSGHLHLRCPRRLFSRRSPAKLHELVEKVF
RRADRHSDFSRLARVLTGNTIALVLGGGGARGCSHIGVLKALEEAGVPVDLVGGTSIGSFIGALYAEERS
ASRTKQARAREWAKSMTSVLEPVLDTYPVTSMTFGSAFNRSIHRVFQDKQIEDLWLPYFNVTTDITASAM
RVHKDGLWRYVRASMTLSGYLPLPCDPKDGHLMDGGYINNLPADIARSMGAKTVIAIDVGSQDETDL
TYGDSLSGWWLLWKRLNPWADKVKVPDMAEQSRLAYVSCVRQLEVKSSSYCEYLRSIDCFKTMDFGK
FDQIYDVGYYGKAVFGGWTRGEVIEKMLTDRRSTDLNESRRADILAFSSGFTDLAEIVSRIEPPTSYV
SDGCADGEESDCLTEYEEDAGPDCSRDEGGSPGASPTASEVEEEEKSTLRQRRFLPQETPSSVADA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	147 kDa



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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_056616
Locus ID:	50767
UniProt ID:	Q3TRM4
RefSeq Size:	4455
Cytogenetics:	8 1.92 cM
RefSeq ORF:	3981
Synonyms:	Al661849; MSws; Nte
Summary:	Phospholipase B that deacylates intracellular phosphatidylcholine (PtdCho), generating glycerophosphocholine (GroPtdCho). This deacylation occurs at both sn-2 and sn-1 positions of PtdCho. Its specific chemical modification by certain organophosphorus (OP) compounds leads to distal axonopathy.[UniProtKB/Swiss-Prot Function]