

Product datasheet for TP519178

Lpin2 (NM_022882) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse lipin 2 (Lpin2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR219178 representing NM_022882 Red=Cloning site Green=Tags(s)

MNYVGLAGQVLVTVKELYKGINQATLSGCIDVWVRQQDGSYQCSPFHVRFGKLGVLRSKEKVIDIEIN
GSAVDLHMKLGDNGEAFFVEETEEYEKLPAYLATSPIPTEDQFFKHIEPLVKSSGNERPAQSSDVSHT
LESEAVFTQSSVKKKKRRRKKCKQDNRKEEQAASPVAEDVGDVGVSSDDEKRAQAARGSSNASLKEEDYK
EPSLFHSGDNYPLSDGDWSPLETTYPAVCPSKSDSELEVKPSSELLRSEPHMEWTWGGFPESTKVKRER
YDYHPRTATITPSENTHFRVIPSEDSLIREVEKDATVEDTTCTIVKPKPRALCKQLSDAASTELPESPLE
APQISSLLDADPVPSAEAPSEPKPAAKDSPTKKKGVHKRSQHQPDDIYLDLKALEPEVAALYFPKS
DTPGSRQWPESDTFSGSQSPQSVGSAAADSGTECLSDSAMDLPDVTLSLCGGLSENGEISKEKFMHII
TYHEFAENPGLIDNPNLVIRIYNRYYNWALAAPMILSLQVFQKSLPKATVESWVKDKMPKKSGRWWFWRK
KESMIKQLPETKEGKSEVPPANDLPSNAEEPTSARPAENDTSSDEGSQELEESIKVDPITVETLSHCSTA
SYKKSRLSSDQIAKLLHDGPNVDFVFSITTQYQGTGRCAGTIYLNWVNDKVIISDIDGTITKSDALGQI
LPQLGKDWTHQGIARLYHSINENGYKFLYCSARAIGMADMTRGYLHWVNDKGTILPRGPLMLSPSSLFSA
FHREVIEKKPEKFKIECLNDIKNLFAPSRQPFYAAFGNRPNDVYAYTQVGVDPDRIFTVNPKGELIQERT
KGNKSSYHRLSELVEHVFPLLSKEQNSAFPCPEFSSFCYWRDPIPDLDLDDLA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	100.1 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.



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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_075020
Locus ID:	64898
UniProt ID:	Q99PI5
RefSeq Size:	5651
Cytogenetics:	17 E1.3
RefSeq ORF:	2679
Synonyms:	2610511G02Rik; AI481352; AW742896
Summary:	Plays important roles in controlling the metabolism of fatty acids at different levels. Acts as a magnesium-dependent phosphatidate phosphatase enzyme which catalyzes the conversion of phosphatidic acid to diacylglycerol during triglyceride, phosphatidylcholine and phosphatidylethanolamine biosynthesis in the reticulum endoplasmic membrane. Acts also as a nuclear transcriptional coactivator for PPARGC1A to modulate lipid metabolism. [UniProtKB/Swiss-Prot Function]