

Product datasheet for TP517244

Plb1 (NM_001081407) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse phospholipase B1 (Plb1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR217244 representing NM_001081407
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MELYPGVSPVGLLLLLLLGQGPSQIHGSSGENTLAWQSQQVFWTLKNFPFPCKPKKLELSVLSESVHSLR
PSDIKLVAAGNPEIPLAPGSGTINMEKPQSIKNQPQDVCMGIMTVLSDIIRHFSPVLMPTCSPGKGT
VHTTAEDLWIQAKELVRRLLKDNPLDFEKDWKLITVFFSNTSQCHLCPAQKSHLMRHMMLWGVLDYL
HHEVPRAFVNLVDLSEVLAMDQLHQETGFSPAPEVCKCTETTTLSKAVMQWSYQEAWEDLLASSKFNKHE
TFAVVFQPFDEIEPPLKRSSPQDPTTLALRIWNSMMEPVGQKDGLLNTAERKTMKCPSEESPYLFTYKN
SNYQARRLKPITKLQMKEGSEFTCPDKNPSNSIPTTVHSLRPADIKIIGALGDSL TAGNGAGASPWNILD
VLTEYRGLSWSVGGDETIKVTTLNPNILREFNPSLKGFSVGTGKESTSRSFNAVAGAKSDGLAGQARK
LVDLMKADKTINFQEDWKIITVFIGGNDLCASCSNSTRFSPQNFIDNIKNALDILHAEVPRAFVNMAMVM
EITPLRELFNEPTVSCPRNLSRLCPCVGLGDNSEELSLVQRNRDYQKKTEELINSGRYDTRDNFTW
VQPLFENVSMPTPEGVDPKSFAPDCFHFNKAKHARSALWKNMLEPVGHKTRHNNFEIKAPIVCPNQ
ASPFLSTTKNSNLGNGTWMVCEERAPSASPPTSVHTLRPADIQVVAALGDSL TAGNGISSQEGNLTDVST
QYRGLSYSAGGDKTLENTTLNPNILRKFNGLTGYSVGTGDSSSANAFLNQAVPGAKAENLTSQVRTLQ
KMKSDNRVNFNRDWKVITVMIGASDLCDFCTDSNHYSANFFDHLQNALDILHKEVPRALVNLVDFINPS
IIREVFLKNPDKCPVNQSSVLCNCVLTPRKDSYELARLEAFTKSYQSSMLQLVESGRYDTRDFSVLQP
FLLNTKLPVLENGKPDTSFFAPDCIHLNQKFHTQLARALWANMLEPLGKKTDTLDPKGHISLACPTKDP
FLRTRFNSNYKYPTKPAIENWGSDFLCTEKSPSSQVPTSVHELPRADIKVVAAMGDFLTATGARPSGYK
RLATPWRLSWSIGGDGKLEHTTLPNILKFNPSITGFSTGTLDNKAGLNVAEEGARAQDMPAQAKTLV
KKMKSTPTINLQEDWKLITLLIGNNDLCLYCENPEDNSTKEYVKYIQALDILYEELPRVFINVVEVME
AGLHHVQGGKAMPLAVQKNCCLRHSQNL TAMQELKLNWNLQSGISELSYWHRYMEREDFAVTVPFF
RNTFIPLNERGLDLTFFSEDCFYFSDRGHAEMAIALWNNMLEPVGWKTSSNNFIYNRKLCPSPERPF
LYTLRNSQLLPDKAEEPSNALYWAVPVAAGGLAVGILGVMLWRTVQKPVQEEEEEDTLPNTSVTQDAVS
EKRLKAGN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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Tag:	C-MYC/DDK
Predicted MW:	165 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_001074876
Locus ID:	665270
UniProt ID:	Q3TTY0
RefSeq Size:	4853
Cytogenetics:	5 B1
RefSeq ORF:	4434
Synonyms:	4632413E21Rik; 4930433E17Rik; 4930539A06Rik; BC033606
Summary:	Membrane-associated phospholipase. Exhibits a calcium-independent broad substrate specificity including phospholipase A2/lysophospholipase activity. Preferential hydrolysis at the sn-2 position of diacylphospholipids and diacylglycerol, whereas it shows no positional specificity toward triacylglycerol. Exhibits also esterase activity toward p-nitrophenyl. May act on the brush border membrane to facilitate the absorption of digested lipids (By similarity).[UniProtKB/Swiss-Prot Function]