

Product datasheet for TP507436

Pnlip (NM_026925) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse pancreatic lipase (Pnlip), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207436 protein sequence Red=Cloning site Green=Tags(s)

MLMLWTFVAVLLGAVAGREVCFDKLGCFSDAPWSGTLDRPLKALPWSPAQINTRFLLYTNENPDNYQLIT
SDASNIRNSNFRTNRKTRIIHGFIDKGEENWLSDMCKNMFRVESVNCICVDWKGGSRTTYTQATQNVRV
VGAEVALLVNVLQSDLGYSLNNVHLIGHSLGSHIAGEAGKRTFGAIGRITGLDPAEPYFQGTPEEVRLDP
TDAQFVDIAHTDAGPIIPNLGFGMSQTVGHLDFFPNGGIEMPGCQKNILSQIVDIDGIWEGTRNFAACNH
LRSYKFYTDIVNPTGFAGFSCSSYSFLTANKCFPCSGGGCPQMGHYADRYPGKTSRLYQTFYLNTGDKS
NFAWRVYQVTVTLGQKVTGHILVSLFGNGGNSKQYEVFKGSLQPGTSHVNEFSDVDVGDQLQVKKFIWY
NNVINPTLPKVGASRITVERNDGRVFNFCSETVREDVLLTLSPC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	51.4 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_081201
Locus ID:	69060



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UniProt ID:	Q6P8U6
RefSeq Size:	1515
Cytogenetics:	19 54.46 cM
RefSeq ORF:	1398
Synonyms:	1810007A24Rik; PL; PTL
Summary:	Plays an important role in fat metabolism. It preferentially splits the esters of long-chain fatty acids at positions 1 and 3, producing mainly 2-monoacylglycerol and free fatty acids, and shows considerably higher activity against insoluble emulsified substrates than against soluble ones (By similarity).[UniProtKB/Swiss-Prot Function]