

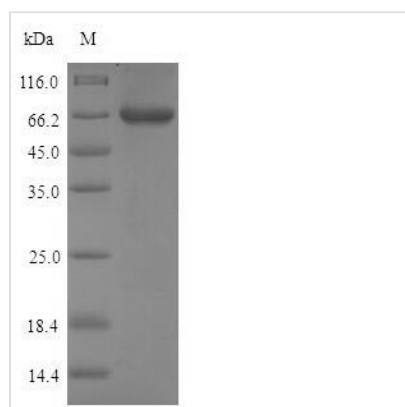


Recombinant Mouse Pancreatic triacylglycerol lipase (Pnlip)

Product Code	CSB-EP754214MO
Relevance	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).
Abbreviation	Recombinant Mouse Pnlip protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q6P8U6
Alias	PL Short name: PTL Short name: Pancreatic lipase
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	REVCFDKLGCFSDDAPWSGTLDRPLKALPWSPAQINTRFLLYTNENPDNYQLI TSDASNIRNSNFRTNRKTRIIHGFIDKGEENWLSDMCKNMFRVESVNCICVDW KGGSRTTYTQATQNVRVVGAEVALLVNVLQSDLGYSLNNVHLIGHSLGSHIAG EAGKRTFGAIGRITGLDPAEPYFQGTPEEVRLDPTDAQFVDAIHTDAGPIPNLG FGMSQTVGHLDFFPNGGIEMPGCQKNILSQIVDIDGIWEGTRNFAACNHLRSY KFYTDIVNPTGFAGFSCSSYSLFTANKCFPCGSGGCPQMGHYADRYPGKTS RLYQTFYLNLTGDKSNFARWRYQVTVTLGQKVTGHILVSLFGNGGNSKQYEV FKGSLQPGTSHVNEFSDVDVGLQKVKFIWYNNVINPTLPKVGASRITVERN DGRVFNFCSQETVREDVLLTLSPC
Research Area	Cardiovascular
Source	E.coli
Target Names	Pnlip
Protein Names	Recommended name: Pancreatic triacylglycerol lipase Short name= PL Short name= PTL Short name= Pancreatic lipase EC= 3.1.1.3
Expression Region	17-465aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	65.8kDa
Protein Length	Full Length of Mature Protein



Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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