

Recombinant Mouse Pancreatic triacylglycerol lipase(Pnlip)

Catalog No: #AP74566

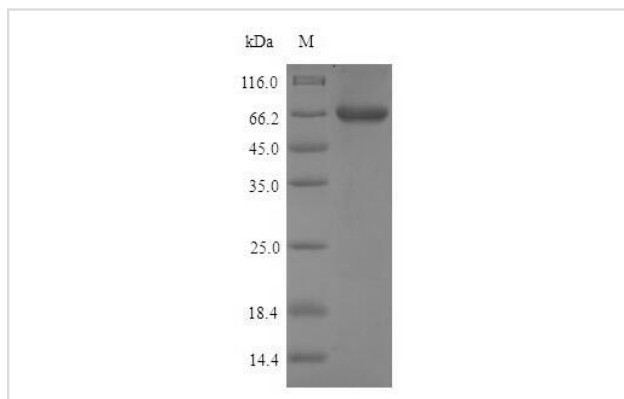
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Package Size: #AP74566-1 20ug #AP74566-2 100ug #AP74566-3 1mg

Description

Product Name	Recombinant Mouse Pancreatic triacylglycerol lipase(Pnlip)
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:17-465aaSequence Info:Full Length
Other Names	PL Short name: PTL Short name: Pancreatic lipase
Accession No.	Q6P8U6
Uniprot	Q6P8U6
GeneID	69060;
Calculated MW	65.8 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	REVCFDKLGCFSDDAPWSGTLDRPLKALPWSPAQINTRFLLYTNENPDNYQLITSDASNIRNSNFRTNRKTRIII HGFIDKGEENWLSDMCKNMFRVESVNCICVDWKGGSRTTYTQATQNVRRVVGAEVALLVNVLQSDLGYSLNN VHLIGHSLGSHIAGEAGKRTFGAIGRITGLDPAEPYFQGTPEEVRLDPTDAQFVDIAHTDAGPIIPNLGFGMSQT VGHLDDFFPNGGIEMPGCQKNILSQIVDIDGIWEGTRNFAACNHLRSYKFYTDSIVNPTGFAGFSCSSYSFLTAN KCFPCGSGGCPQMGHYADRYPGKTSRLYQTFYLNLDGKSNFARWRYQVTVTLSGQKVTGHILVSLFGNGGN SKQYEVFKGSLQPGTSHVNEFDSDVDVGDLDQKVKFIWYNNVINPTLPKVGASRITVERNDGRVFNFCSEQETV REDVLLTLSPC
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Images



Background

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).

References

"A tissue-specific atlas of mouse protein phosphorylation and expression."Huttlin E.L., Jedrychowski M.P., Elias J.E., Goswami T., Rad R., Beausoleil S.A., Villen J., Haas W., Sowa M.E., Gygi S.P.Cell 143:1174-1189(2010)Research Topic:Cardiovascular

Note: This product is for in vitro research use only