

Pancreatic triacylglycerol lipase (Pnlip) Recombinant Protein | Pnlip recombinant protein

Recombinant Mouse Pancreatic triacylglycerol lipase (Pnlip)

CATALOG #
AAA117434

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

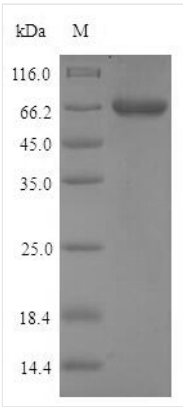
PRODUCT SYNONYMS

Pancreatic triacylglycerol lipase (Pnlip); Recombinant Mouse Pancreatic triacylglycerol lipase (Pnlip); Pancreatic triacylglycerol lipase; PL; PTL; Pancreatic lipase; EC=3.1.1.3; Pnlip recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	17-465aa; Full Length of Mature Protein
Sequence	REVCFDKLGCSFDDAPWSGT LDRPLKALPW SPAQINTRFL LYTENPDNY QLITSDASNI RNSNFRTNRK TRIIHGFID KGEENWLSDM CKNMFRVESV NCICVDWKGG SRTTYTQATQ NVRVVGAEVA LLVNVLQSDL GYSLNNVHLI GHSLGSHIAG EAGKRTFGAI GRITGLDPAE PYFQGTPEEV RLDPTDAQFV DAIHTDAGPI IPNLGFGMSQ TVGHLDFFPN GGIEMPGCQK NILSQIVDID GIWEGTRNFA ACNHLRSYKF YTDSIVNPTG FAGFSCSSYS LFTANKCFPC GSGGCPQMGH YADRYPGKTS RLYQTfYLNT GDKSNFARWR YQVTVTLSGQ KVTGHILVSL FGNGGNSKQY EVFKGSLQPG TSHVNEFDSD VDVGDQLQVK FIWYNNVINP TLPKVGASRI TVERNDGRVF NFCSQETVRE DVLLTLSPC
Sequence Length	449
Species	Mus musculus (Mouse)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Pnlip recombinant protein	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).
Product Categories/Family for Pnlip recombinant protein	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	37674236
NCBI GeneID	69060
NCBI Accession #	NP_081201.2
NCBI GenBank Nucleotide #	NM_026925.3
UniProt Accession #	Q6P8U6
Molecular Weight	65.8 kDa
NCBI Official Full Name	pancreatic triacylglycerol lipase
NCBI Official Synonym Full Names	pancreatic lipase
NCBI Official Symbol	Pnlip
NCBI Official Synonym Symbols	PL; PTL; 1810007A24Rik
NCBI Protein Information	pancreatic triacylglycerol lipase; pancreatic triglyceride lipase
UniProt Protein Name	Pancreatic triacylglycerol lipase
UniProt Gene Name	Pnlip
UniProt Synonym Gene Names	PL; PTL; Pancreatic lipase
UniProt Entry Name	LIPP_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.