

Patatin-like phospholipase domain-containing protein 2 Recombinant Protein | PNPLA2 recombinant protein

Recombinant Human Patatin-like phospholipase domain-containing protein 2

CATALOG # AAA18771	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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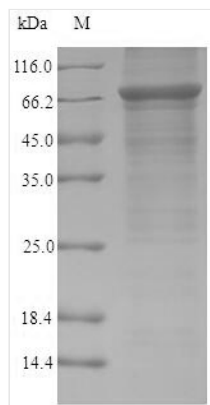
PRODUCT SYNONYMS

Patatin-like phospholipase domain-containing protein 2 ; Recombinant Human Patatin-like phospholipase domain-containing protein 2 ; Adipose triglyceride lipase; Calcium-independent phospholipase A2; Desnutrin; IPLA2-zeta; Pigment epithelium-derived factor; TTS2.2; Transport-secretion protein 2; TTS2; PNPLA2 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	1-504aa; Full Length Protein
Sequence	MFPREKTWNI SFAGCGFLGV YYVGVASCLR EHAPFLVANA THIYGASAGA LTATALVTGV CLGEAGAKFI EVSKEARKRF LGPLHPSFNL VKIIRSFLK VLPADSHEHA SGRLGISLTR VSDGENVIIS HFNSKDELIQ ANVCSGFIPV YCGLIPPSLQ GVRVVDGGIS DNLPLYELKN TITVSPFSGE SDICPQDSST NIHELRVNT SIQFNLRNLY RLSKALFPPE PLVIREMCKQ GYRDGLRFLQ RNgLLNRPNP LLALPPARPH GPEDKDQAVE SAQAEDYSQL PGEDHILEHL PARLNEALLE ACVEPTDLLT TLSNMLPVRL ATAMMPVYTL PLESALSFTI RLLEWLDPVP EDIRWMKEQT GSICQYLVMR AKRKLGRHLP SRLPEQVELR RVQSLPSVPL SCAAYREALP GWMRNNLSLG DALAKWEECQ RQLLLGLFCT NVAFPPEALR MRAPADPAPA PADPASPQHQ LAGPAPLLST PAPEARPVIG ALGL
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for PNPLA2 recombinant protein	Catalyzes the initial step in triglyceride hydrolysis in adipocyte and non-adipocyte lipid droplets. Also has acylglycerol transacylase activity. May act coordinately with LIPE/HLS within the lipolytic cascade. Regulates adiposome size and may be involved in the degradation of adiposomes. May play an important role in energy homeostasis. May play a role in the response of the organism to starvation, enhancing hydrolysis of triglycerides and providing free fatty acids to other tissues to be oxidized in situations of energy depletion
Product Categories/Family for PNPLA2 recombinant protein	Cardiovascular
References	"TTS-2, a novel protein implicated in vesicular transport of the cell surface receptor ICAM-3." Strahl T., Shingler W.H., Lammiman M., Gregory C.D., Leach L., Matthias P., Nielsen P.J., Shaw P.E. Submitted (JUN-2000)

NCBI AND UNIPROT INFORMATION

NCBI GI #	32698724
NCBI GeneID	57104
NCBI Accession #	NP_065109.1
NCBI GenBank Nucleotide #	NM_020376.3
UniProt Accession #	Q96AD5; O60643; Q5EFF5; Q6XYE5; Q96ET6; Q9NQ61; Q9NQ62
Molecular Weight	71.3 kDa
NCBI Official Full Name	patatin-like phospholipase domain-containing protein 2
NCBI Official Synonym Full Names	patatin like phospholipase domain containing 2
NCBI Official Symbol	PNPLA2
NCBI Official Synonym Symbols	ATGL; TTS2; PEDF-R; FP17548; TTS-2.2; iPLA2zeta; 1110001C14Rik
NCBI Protein Information	patatin-like phospholipase domain-containing protein 2
UniProt Protein Name	Patatin-like phospholipase domain-containing protein 2
UniProt Gene Name	PNPLA2
UniProt Synonym Gene Names	ATGL; TTS2
UniProt Entry Name	PLPL2_HUMAN

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.

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Online datasheet: <https://www.aaabiotech.com/pnpla2-recombinant-protein-e-coli/18771>