

1-acylglycerol-3-phosphate O-acyltransferase ABHD5 Recombinant Protein | ABHD5 recombinant protein

Recombinant Human 1-acylglycerol-3-phosphate O-acyltransferase ABHD5

CATALOG # AAA116992	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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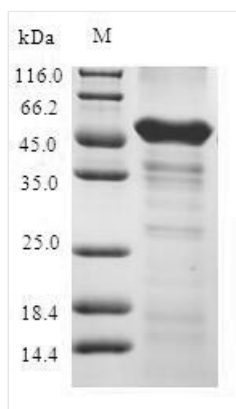
PRODUCT SYNONYMS

1-acylglycerol-3-phosphate O-acyltransferase ABHD5; Recombinant Human 1-acylglycerol-3-phosphate O-acyltransferase ABHD5; Abhydrolase domain-containing protein 5; Lipid droplet-binding protein CGI-58; ABHD5 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	2-349aa; Full Length of Mature Protein
Sequence	AAEEEEVDSA DTGERSGWLT GWLPTWCPTS ISHLKEAEEK MLKCVPTKYK KEPVRISNGN KIWTLKFSHN ISNKTPLVLL HGFGGGLGLW ALNFGDLCTN RPVYAFDLLG FGRSSRPFRD SDAEEVENQF VESIEEWRC LGLDKMILLG HNLGGFLAAA YSLKYPSRVN HLILVEPWGF PERPDADQD RPIPVWIRAL GAALTPFNPL AGLRIAGPFG LSLVQRLRPD FKRKYSSMFE DDTVTEYIYH CNVQTPSGET AFKNMTIPYG WAKRPMLQRI GKMHPDIPVS VIFGARSCID GNSGTSIQL RPHSYVKTIA ILGAGHYVYA DQPEEFNQKV KEICDQVD
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 ABHD5 recombinant protein	Lysophosphatidic acid acyltransferase which functions in phosphatidic acid biosynthesis. May regulate the cellular storage of triacylglycerol through activation of the phospholipase PNPLA2. Involved in keratinocyte differentiation.
Product Categories/Family for ABHD5 recombinant protein	Cancer

References	"Mutations in CGI-58, the gene encoding a new protein of the esterase/lipase/thioesterase subfamily, in Chanarin-Dorfman syndrome." Lefevre C., Jobard F., Caux F., Bouadjar B., Karaduman A., Heilig R., Lakhdar H., Wollenberg A., Verret J.-L., Weissenbach J., Oezgüec M., Lathrop M., Prud'homme J.-F., Fischer J. Am. J. Hum. Genet. 69:1002-1012(2001)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31542303
NCBI GeneID	51099
NCBI Accession #	NP_057090.2
NCBI GenBank Nucleotide #	NM_016006.4
UniProt Accession #	Q8WTS1; Q9Y369; B2R9K0
Molecular Weight	55 kDa
NCBI Official Full Name	1-acylglycerol-3-phosphate O-acyltransferase ABHD5
NCBI Official Synonym Full Names	abhydrolase domain containing 5
NCBI Official Symbol	ABHD5
NCBI Official Synonym Symbols	CDS; CGI58; IECN2; NCIE2
NCBI Protein Information	1-acylglycerol-3-phosphate O-acyltransferase ABHD5
UniProt Protein Name	1-acylglycerol-3-phosphate O-acyltransferase ABHD5
UniProt Gene Name	ABHD5
UniProt Synonym Gene Names	NCIE2
UniProt Entry Name	ABHD5_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.