Lissencephaly-1 Homolog A (pafah1b1a) Danio Rerio Recombinant Protein

PRODUCT OVERVIEW

Product Name	Lissencephaly-1 homolog A (pafah1b1a), Recombinant Protein
Full Product Name	Recombinant Danio rerio Lissencephaly-1 homolog A (pafah1b1a)
Product Gene Name	pafah1b1a recombinant protein
Product Synonym Gene Name	pafah1b1a
Sequence	VLSQRQRDEL NRAIADYLRS NGYEEAYSVF KKEAELDMNE ELDKKYAGLL EKKWTSVIRL QKKVMELESK LNEAKEEINI GGPIGQKRDP KEWIPRPPEK YALSGHRSPV TRVIFHPVFS VIVSASEDAT IKVWDHETGD FERTLKGHTD SVQDISFDHT GKLLASCSAD MTIKLWDFQG FECIRTMHGH DHNVSSVAIM PNGDHIVSAS RDKTIKMWEV ATGYCVKTFT GHREWVRMVR PNQDGTLIAS SSNDQTVRVW VVATKECKAE LREHEHVVEC ISWAPESAHP TILEATGSET KKSGKPGPFL LSGSRDKTIK MWDVSIGMCL MTLVGHDNWV RGVLVHPGGK YIVSCADDKT LRIWDYKNKR CTKTLSAHEH FVTSLDFHKT APYVVTGSVD QTVKVWECR
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
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.
Molecular Weight	46,513 Da
Sequence Positions	2-410, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q7T394
Species	Zebrafish
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pafah1b1a recombinant protein	MBS1425691 is a recombinant protein targeting pafah1b1a. Also known as Recombinant Danio rerio Lissencephaly-1 homolog A (pafah1b1a). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pafah1b1a recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for pafah1b1a. It may not necessarily be applicable to this product.

NCBI GI #	41152229
NCBI GeneID	394246
NCBI Accession #	NP_958502.1
UniProt Primary Accession #	Q7T394

UniProt Secondary Accession #	Q07DR1
UniProt Related Accession #	Q7T394
GenBank Nucleotide #	NM_201345.1
NCBI Official Full Name	lissencephaly-1 homolog A
NCBI Official Synonym Full Names	platelet-activating factor acetylhydrolase 1b, regulatory subunit 1a
NCBI Official Symbol	pafah1b1a
UniProt Protein Name	Lissencephaly-1 homolog A
UniProt Synonym Protein Names	Platelet-activating factor acetylhydrolase IB subunit alpha a
UniProt Gene Name	pafah1b1a
NCBI Protein Information	lissencephaly-1 homolog A
UniProt Comments for pafah1b1a	Positively regulates the activity of the minus-end directed microtubule motor protein dynein. May enhance dynein-mediated microtubule sliding by targeting dynein to the microtubule plus end. Required for several dynein- and microtubule-dependent processes such as the maintenance of Golgi integrity, the peripheral transport of microtubule fragments and the coupling of the nucleus and centrosome. May be required for proliferation of neuronal precursors and neuronal migration.
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