Alpha-Protein Kinase 3 (ALPK3) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Alpha-protein kinase 3 (ALPK3), Recombinant Protein
Full Product Name	Recombinant Human Alpha-protein kinase 3 (ALPK3) , partial
Product Gene Name	ALPK3 recombinant protein
Product Synonym Gene Name	ALPK3
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	201,272 Da
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.
OMIM	617608
3D Structure	ModBase 3D Structure for Q96L96
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ALPK3 recombinant protein	MBS1322846 is a recombinant protein targeting ALPK3. Also known as Recombinant Human Alpha-protein kinase 3 (ALPK3) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ALPK3 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 ALPK3. It may not necessarily be applicable to this product.

NCBI GI #	115511036
NCBI GeneID	57538
NCBI Accession #	NP_065829.3
UniProt Primary Accession #	Q96L96
UniProt Secondary Accession #	Q9P2L6
UniProt Related Accession #	Q96L96
GenBank Nucleotide #	NM_020778.4
NCBI Official Full Name	alpha-protein kinase 3

NCBI Official Synonym Full Names	alpha kinase 3
NCBI Official Symbol	ALPK3
NCBI Official Synonym Symbols	MAK; MIDORI
UniProt Protein Name	Alpha-protein kinase 3
UniProt Synonym Protein Names	Muscle alpha-protein kinase
Protein Family	Alpha-protein kinase
UniProt Gene Name	ALPK3
UniProt Synonym Gene Names	KIAA1330; MAK
NCBI Protein Information	alpha-protein kinase 3
UniProt Comments for ALPK3	Kinase that recognizes phosphorylation sites in which the surrounding peptides have an alpha-helical conformation. Plays a role in cardiomyocyte differentiation ().
Research Articles on ALPK3	**1.** ALPK3 variant segregated with hypertrophic cardiomyopathy in 3 affected members of the family.
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