FAST Kinase Domain-Containing Protein 5 (FASTKD5) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	FAST kinase domain-containing protein 5 (FASTKD5), Recombinant Protein
Full Product Name	Recombinant Human FAST kinase domain-containing protein 5 (FASTKD5)
Product Gene Name	FASTKD5 recombinant protein
Product Synonym Gene Name	FASTKD5
Sequence	MAATLKSLKL VRYRAFCSPS AFGAVRSVSY WNVSSTQHGG QDPPEHISLC HSAKKVKNIC STFSSRRILT TSSAHPGLEF SKTSSSKAST LQLGSPRATG VDEEDVEVFD SFENMRVFLQ LRPEYRVHSY NASETSQLLS VSEGELILHK VRVNQNNLQA QVIVDYLCKL SSLPAEQHPV LLGSTSFALL CQLSVKKIQL FDTQDLINVL KAFVILGIPH SHSMLDVYET KCCHQVWEMN MDQLLLVADL WRYLGRKVPR FLNIFSSYLN LHWKDLSLSQ LVHLIYVIGE NRQVSQDLMQ KLESLILKYI DLINLEEVGT ICLGFFKSST NLSEFVMRKI GDLACANIQH LSSRSLVNIV KMFRFTHVDH INFMKQIGEI APQRIPSLGV QGVMHLTLYC SALRFLNEGV MNAVAASLPP RVAHCRSKDV AKILWSFGTL NYKPPNAEEF YSSLISEIHR KMPEFNQYPE HLPTCLLGLA FLEYFPVELI DFALSPGFVR LAQERTKFDL LKELYTLDGT VGIECPDYRG NRLSTHLQQE GSELLWYLAE KDMNSKPEFL ETVFLLETML GGPQYVKHHM ILPHTRSSDL EVQLDVNLKP LPFNREATPA ENVAKLRLEH VGVSLTDDLM NKLLKGKARG HFQGKTESEP GQQPMELENK AAVPLGGFLC NVADKSGAME MAGLCPAACM QTPRMKLAVQ FTNRNQYCYG SRDLLGLHNM KRRQLARLGY RVVELSYWEW LPLLKRTRLE KLAFLHEKVF TSAL
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	86,574 Da
Sequence Positions	1-764, 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 Q7L8L6
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for FASTKD5 recombinant protein	MBS1338236 is a recombinant protein targeting FASTKD5. Also known as Recombinant Human FAST kinase domain-containing protein 5 (FASTKD5). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of FASTKD5 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 FASTKD5. It may not necessarily be applicable to this product.

NCBI GI #	11141903

NCBI GeneID	60493
NCBI Accession #	NP_068598.1
UniProt Primary Accession #	Q7L8L6
UniProt Secondary Accession #	Q96JN3; Q9H5D1; Q9H8Y3
UniProt Related Accession #	Q7L8L6
GenBank Nucleotide #	NM_021826.4
NCBI Official Full Name	FAST kinase domain-containing protein 5, mitochondrial
NCBI Official Synonym Full Names	FAST kinase domains 5
NCBI Official Symbol	FASTKD5
NCBI Official Synonym Symbols	dJ1187M17.5
UniProt Protein Name	FAST kinase domain-containing protein 5, mitochondrial
Protein Family	FAST kinase domain-containing protein
UniProt Gene Name	FASTKD5
UniProt Synonym Gene Names	KIAA1792
NCBI Protein Information	FAST kinase domain-containing protein 5, mitochondrial
UniProt Comments for FASTKD5	Plays an important role in the processing of non-canonical mitochondrial mRNA precursors (PubMed:25683715).
Research Articles on FASTKD5	**1.** Despite the fact that proteins of the FASTK family FASTKD1-5 share the same domains, they exhibit various-sometimes opposing-functions in almost all steps of mitochondrial RNA metabolism.
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