L-Fuculokinase (fucK) Salmonella Typhimurium Recombinant Protein

PRODUCT OVERVIEW

Product Name	L-fuculokinase (fucK), Recombinant Protein
Full Product Name	Recombinant Salmonella typhimurium L-fuculokinase (fucK)
Product Gene Name	fucK recombinant protein
Product Synonym Gene Name	fucK
Sequence	MKQDVILVLD CGATNVRAIA VDRQGKIVAR ASTANASDIA AENSAWHQWS LDAILQRFAD CCRSLSSALS ECVVRGITVT TFGVDGALVD AQGKLLYPVI SWKCPRTAAV METIERFISP RQLQTLSGVG AFSFNTLYKL VWLKENHPRL LEQAHCWLFI SSLINHRLTG EFTTDITMAG TSQLLDIHQR DFSPEILQAT GLARRLFPRI VEAGAPIGTL QTDAARLLGL PAGVPVISAG HDTQFALFGA GAQQGEPVLS SGTWEILMVR SGQVDTSLLS QYPGSTCELD SQSGLYNPGM QWLASGVLEW VRKLLWTPET PWQTLIDEAR AIPAGAEGVR MQCDLLACQN AGWQGVTLNT TRGHFYRAAL EGLTAQLQRN LRTLEKIGHF NATELLLVGG GSRNALWNQI KANQLDIPIK VLDDAETTVA GAAMFGWYGV GEFSSPEQAR AQVNYQYRYF WPQTEPEIIE GV
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	51,674 Da
Sequence Positions	1-472, 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 Q8ZMC5
Species	Salmonella typhimurium (strain LT2 / SGSC1412 / 700720)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for fucK recombinant protein	MBS1422580 is a recombinant protein targeting fucK. Also known as Recombinant Salmonella typhimurium L-fuculokinase (fucK). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of fucK 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 fucK. It may not necessarily be applicable to this product.

NCBI GI #	16766281
NCBI GeneID	1254500
NCBI Accession #	NP_461896.1
UniProt Primary Accession #	Q8ZMC5

UniProt Related Accession #	Q8ZMC5
GenBank Nucleotide #	NC_003197.2
NCBI Official Full Name	L-fuculokinase
NCBI Official Symbol	fucK
UniProt Protein Name	L-fuculokinase
UniProt Synonym Protein Names	L-fuculose kinase
Protein Family	L-fuculokinase
UniProt Gene Name	fucK
NCBI Protein Information	L-fuculokinase
UniProt Comments for fucK	Catalyzes the phosphorylation of L-fuculose.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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