3-Ketoacyl-Coa Thiolase (fadI) Vibrio Cholerae Serotype O1 Recombinant Protein

PRODUCT OVERVIEW

Product Name	3-ketoacyl-CoA thiolase (fadI), Recombinant Protein
Full Product Name	Recombinant Vibrio cholerae serotype O1 3-ketoacyl-CoA thiolase (fadI)
Product Gene Name	fadI recombinant protein
Product Synonym Gene Name	fadI
Sequence	MGKQEVRTRS GERVAIVAGL RTPFARQSTE FGQVPAVDLG KMVVQEMMAR TAIDPKLIEQ VVFGQVVQMP EAPNIAREIV LGTGMSINTD AYSVTRACAT SFQAAVNVAE SIMAGSIDIG IAGGADSSSV LPIGVSKKLA ASLLALSKTK TVGQKLKLLS NLSFKDLMPV PPAVAEYSTG LSMGQTAEQM AKSYAISRAE QDALAHRSHT LAAQAWAEGK IRDEVMTAFP EPYKKWLDMD NNIRMDSKLE SYAKLRPAFD RQYGSVTAAN STPLTDGAAA IMLMREGKAK ELGLEIMGYI RSYAFAAIGV EKDMLMGPSY ATPIALDRAG ITLNDLTLID MHEAFAAQTL ANLKMFASDK FAQEQLGRAQ AIGEVDMSKF NVLGGSLAYG HPFAATGARM ITQTLRELKR RGGGLALNTA CAAGGLGAAM ILEVE
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	46,354 Da
Sequence Positions	1-435, Full length
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 Q9KT59
Species	Vibrio cholerae serotype O1 (strain 39315 / El Tor Inaba N16961)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for fadI recombinant protein	MBS1424959 is a recombinant protein targeting fadI. Also known as Recombinant Vibrio cholerae serotype O1 3-ketoacyl-CoA thiolase (fadI). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of fadI 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 fadI. It may not necessarily be applicable to this product.

NCBI GI #	471237058
NCBI GeneID	2614316
NCBI Accession #	NP_230691.2
UniProt Primary Accession #	Q9KT59

UniProt Related Accession #	Q9KT59
GenBank Nucleotide #	NC_002505.1
NCBI Official Full Name	3-ketoacyl-CoA thiolase
NCBI Official Symbol	fadI
UniProt Protein Name	3-ketoacyl-CoA thiolase
UniProt Synonym Protein Names	ACSs
UniProt Gene Name	fadI
NCBI Protein Information	3-ketoacyl-CoA thiolase
UniProt Comments for fadI	Catalyzes the final step of fatty acid oxidation in which acetyl-CoA is released and the CoA ester of a fatty acid two carbons shorter is formed.
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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