3-Ketoacyl-Coa Thiolase (fadI) Escherichia Coli O6 Recombinant Protein

PRODUCT OVERVIEW

Product Name	3-ketoacyl-CoA thiolase (fadI), Recombinant Protein
Full Product Name	Recombinant Escherichia coli O6 3-ketoacyl-CoA thiolase (fadI)
Product Gene Name	fadI recombinant protein
Product Synonym Gene Name	fadI
Sequence	MGQVLPLVTR QGDRIAIVSG LRTPFARQAT AFHGIPAVDL GKMVVGELLA RSEIPAEVIE QLVFGQVVQM PEAPNIAREI VLGTGMNVHT DAYSVSRACA TSFQAVANVA ESLMAGTIRA GIAGGADSSS VLPIGVSKKL ARVLVDVNKA RTMSQRLKLF SRLRLRDLMP VPPAVAEYST GLRMGDTAEQ MAKTYGITRE QQDALAHRSH QRAAQAWSDG KLKEEVMTAF IPPYKQPLAE DNNIRGNSSL ADYAKLRPAF DRKHGTVTAA NSTPLTDGAA AVILMTESRA KELGLVPLGY LRSYAFTAID VWQDMLLGPA WSTPLALERA GLTMSDLTLI DMHEAFAAQT LANIQLLGSE RFARDVLGRA HATGEVDDSK FNVLGGSIAY GHPFAATGAR MITQTLHELR RRGGGFGLVT ACAAGGLGAA IVVEAE
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	46,484 Da
Sequence Positions	1-436, 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 Q8FFG3
Species	Escherichia coli O6
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for fadI recombinant protein	MBS1330132 is a recombinant protein targeting fadI. Also known as Recombinant Escherichia coli O6 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 #	446454089
NCBI Accession #	WP_000531944.1
UniProt Primary Accession #	Q8FFG3
GenBank Nucleotide #	WP_000531944.1

NCBI Official Full Name	acetyl-CoA C-acyltransferase FadI
UniProt Protein Name	3-ketoacyl-CoA thiolase
UniProt Synonym Protein Names	ACSs
UniProt Gene Name	fadI
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.
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