Fatty Acid Oxidation Complex Subunit Alpha (fadB) Yersinia Pestis Bv. Antiqua Recombinant Protein

PRODUCT OVERVIEW

Product Name	Fatty acid oxidation complex subunit alpha (fadB), Recombinant Protein
Full Product Name	Recombinant Yersinia pestis bv. Antiqua Fatty acid oxidation complex subunit alpha (fadB), partial
Product Gene Name	fadB recombinant protein
Product Synonym Gene Name	fadB
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	78,826 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.
3D Structure	ModBase 3D Structure for Q1C2C4
Species	Yersinia pestis bv. Antiqua (strain Antiqua)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for fadB recombinant protein	MBS1459302 is a recombinant protein targeting fadB. Also known as Recombinant Yersinia pestis bv. Antiqua Fatty acid oxidation complex subunit alpha (fadB), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of fadB 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 fadB. It may not necessarily be applicable to this product.

NCBI GI #	488140338
NCBI Accession #	WP_002211546.1
UniProt Primary Accession #	Q1C2C4
GenBank Nucleotide #	WP_002211546.1
NCBI Official Full Name	MULTISPECIES: fatty acid oxidation complex subunit alpha FadB
UniProt Protein Name	Fatty acid oxidation complex subunit alpha
Protein Family	Fatty acid oxidation complex
UniProt Gene Name	fadB

UniProt Comments for fadB	Involved in the aerobic and anaerobic degradation of long-chain fatty acids via beta-oxidation cycle. Catalyzes the formation of 3-oxoacyl-CoA from enoyl-CoA via L-3-hydroxyacyl-CoA. It can also use D-3-hydroxyacyl-CoA and cis-3-enoyl-CoA as substrate.
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