Fatty Acid Oxidation Complex Subunit Alpha (fadJ) Shewanella Oneidensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Fatty acid oxidation complex subunit alpha (fadJ), Recombinant Protein
Full Product Name	Recombinant Shewanella oneidensis Fatty acid oxidation complex subunit alpha (fadJ), partial
Product Gene Name	fadJ recombinant protein
Product Synonym Gene Name	fadJ
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	75,702 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 Q8ECP7
Species	Shewanella oneidensis (strain MR-1)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for fadJ recombinant protein	MBS1354046 is a recombinant protein targeting fadJ. Also known as Recombinant Shewanella oneidensis Fatty acid oxidation complex subunit alpha (fadJ), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of fadJ 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 fadJ. It may not necessarily be applicable to this product.

NCBI GI #	414562119
NCBI GeneID	1170773
NCBI Accession #	NP_718651.2
UniProt Primary Accession #	Q8ECP7
UniProt Related Accession #	Q8ECP7
GenBank Nucleotide #	NC_004347.2
NCBI Official Full Name	anaerobic fatty oxidation complex alpha subunit FadJ
NCBI Official Symbol	fadJ

UniProt Protein Name	Fatty acid oxidation complex subunit alpha
UniProt Gene Name	fadJ
NCBI Protein Information	anaerobic fatty oxidation complex alpha subunit FadJ
UniProt Comments for fadJ	Catalyzes the formation of a hydroxyacyl-CoA by addition of water on enoyl-CoA. Also exhibits 3-hydroxyacyl-CoA epimerase and 3-hydroxyacyl-CoA dehydrogenase activities.
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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