Long-Chain-Fatty-Acid--Coa Ligase Fadd15 (fadD15) Mycobacterium Bovis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Long-chain-fatty-acid--CoA ligase FadD15 (fadD15), Recombinant Protein
Full Product Name	Recombinant Mycobacterium bovis Long-chain-fatty-acid--CoA ligase FadD15 (fadD15), partial
Product Gene Name	fadD15 recombinant protein
Product Synonym Gene Name	fadD15
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	64,119 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 Q7TYX8
Species	Mycobacterium bovis
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for fadD15 recombinant protein	MBS1374305 is a recombinant protein targeting fadD15. Also known as Recombinant Mycobacterium bovis Long-chain-fatty-acid--CoA ligase FadD15 (fadD15), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of fadD15 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 fadD15. It may not necessarily be applicable to this product.

NCBI GI #	327488257
NCBI Accession #	Q7TYX8.2
UniProt Primary Accession #	Q7TYX8
UniProt Secondary Accession #	A0A1R3Y0F3; X2BK09
NCBI Official Full Name	Long-chain-fatty-acid--CoA ligase FadD15
UniProt Protein Name	Long-chain-fatty-acid--CoA ligase FadD15
UniProt Synonym Protein Names	Acyl-CoA synthetase
Protein Family	Long-chain-fatty-acid--CoA ligase

UniProt Gene Name	fadD15
UniProt Synonym Gene Names	FACL
UniProt Comments for fadD15	Catalyzes the activation of long-chain fatty acids as acyl-coenzyme A (acyl-CoA), which are then transferred to the multifunctional polyketide synthase (PKS) type III for further chain extension.
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