3-Ketoacyl-Coa Thiolase (fadA) Pseudomonas Syringae Pv. Phaseolicola Recombinant Protein

PRODUCT OVERVIEW

Product Name	3-ketoacyl-CoA thiolase (fadA), Recombinant Protein
Full Product Name	Recombinant Pseudomonas syringae pv. phaseolicola 3-ketoacyl-CoA thiolase (fadA)
Product Gene Name	fadA recombinant protein
Product Synonym Gene Name	fadA
Sequence	MSLNPRDVVI VDFGRTPMGR SKGGMHRNTR AEDMSAHLIS KLLERNNKVD PAEVEDVIWG CVNQTLEQGW NIARMASLLT QIPHTSAAQT VSRLCGSSMS ALHTAAQAIM TNNGDVFVIG GVEHMGHVSM MHGVDPNPHM SLHAAKASGM MGLTAEMLGK MHGITREQQD AFGLRSHQLA HKATLEGKFK DEIIPMQGYD ENGFLKVFDY DETIRPDTTL ESLAALKPAF NPKGGTVTAG TSSQITDGAS CMIVMSAQRA QDLGIQPLAV IRSMAVAGVD PAIMGYGPVP ATQKALKRAG LTIADIDFIE LNEAFAAQAL PVLKDLKVLD KMNEKVNLHG GAIALGHPFG CSGARISGTL LNVMKQNGGT FGVSTMCIGL GQGIATVFER V
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	41,656 Da
Sequence Positions	1-391, 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 Q48GW4
Species	Pseudomonas syringae pv. phaseolicola (strain 1448A / Race 6)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for fadA recombinant protein	MBS1332263 is a recombinant protein targeting fadA. Also known as Recombinant Pseudomonas syringae pv. phaseolicola 3-ketoacyl-CoA thiolase (fadA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of fadA 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 fadA. It may not necessarily be applicable to this product.

NCBI GI #	490794749
NCBI Accession #	WP_004656895.1
UniProt Primary Accession #	Q48GW4

GenBank Nucleotide #	WP_004656895.1
NCBI Official Full Name	MULTISPECIES: acetyl-CoA C-acyltransferase FadA
UniProt Protein Name	3-ketoacyl-CoA thiolase
UniProt Synonym Protein Names	Acetyl-CoA acyltransferase
Protein Family	3-ketoacyl-CoA thiolase
UniProt Gene Name	fadA
UniProt Comments for fadA	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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