S-Acyl Fatty Acid Synthase Thioesterase, Medium Chain (OLAH) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	S-acyl fatty acid synthase thioesterase, medium chain (Olah), Recombinant Protein
Full Product Name	Recombinant Mouse S-acyl fatty acid synthase thioesterase, medium chain (Olah)
Product Gene Name	Olah recombinant protein
Product Synonym Gene Name	Olah
Sequence	METAVYAKST RNEKVLNCLC QKPDALFKLI CFPWAGGGST HFAKWGRKIN GLLEVHAVRL AGRETRFEEP FSNDIYQIAE EVVTALLPII RDKAFAFFGH SFGSYIAFIT ALHLKEKYKM EPLHIFVSSA SAPHSEFRPQ VPDINKLSEE QIRDHLLIFG GTPKHLIEDQ DFLKQCIPLL KADVDIVKKF IFDKPSKALL SRDITCFIGS EDVVKDIEGW KDITSGKFDV LKLPGDHFYL MEPNNEDFIK NYIVKCLELS SLDYF
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	30,250 Da
Sequence Positions	1-265, 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 Q8R197
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Olah recombinant protein	MBS1338896 is a recombinant protein targeting Olah. Also known as Recombinant Mouse S-acyl fatty acid synthase thioesterase, medium chain (Olah). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Olah 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 Olah. It may not necessarily be applicable to this product.

NCBI GI #	22122331
NCBI GeneID	99035
NCBI Accession #	NP_666033.1
UniProt Primary Accession #	Q8R197

UniProt Secondary Accession #	Q3UWY0
UniProt Related Accession #	Q8R197
GenBank Nucleotide #	NM_145921.1
NCBI Official Full Name	S-acyl fatty acid synthase thioesterase, medium chain
NCBI Official Synonym Full Names	oleoyl-ACP hydrolase
NCBI Official Symbol	Olah
NCBI Official Synonym Symbols	Thedc1; AI607300; E230009B14Rik
UniProt Protein Name	S-acyl fatty acid synthase thioesterase, medium chain
UniProt Synonym Protein Names	Oleoyl-ACP hydrolase; Thioesterase II; Thioesterase domain-containing protein 1
Protein Family	S-acyl fatty acid synthase thioesterase
UniProt Gene Name	Olah
UniProt Synonym Gene Names	Thedc1
NCBI Protein Information	S-acyl fatty acid synthase thioesterase, medium chain
UniProt Comments for Olah	In fatty acid biosynthesis chain termination and release of the free fatty acid product is achieved by hydrolysis of the thio ester by a thioesterase I, a component of the fatty acid synthetase complex. The chain length of the released fatty acid is usually C16. However, in the mammary glands of non-ruminant mammals, and in the uropygial gland of certain waterfowl there exists a second thioesterase which releases medium-chain length fatty acids (C8 to C2) ().
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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