Acyl-Coenzyme A Amino Acid N-Acyltransferase 2 (ACNAT2) Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	Acyl-coenzyme A amino acid N-acyltransferase 2 (Acnat2), Recombinant Protein
Full Product Name	Recombinant Rat Acyl-coenzyme A amino acid N-acyltransferase 2 (Acnat2)
Product Gene Name	Acnat2 recombinant protein
Product Synonym Gene Name	Acnat2
Sequence	MLQLIATPSN ALADEPVSIR AIGLPPSQIV TITATVKDEK ENLFQSKAFY KANEAGEVDL EQASALGGDY VGVHPMGLFC CLKPKRAFQR LIKKDVMNSP LCICLDLYDS VCWLETVRIP PKASQIVHRW FAGPGVKREQ IREGRVRGAL FLPPGKGPFP GIIDLFGSIG GLVEFRASLL ASRGFAVLAL AYFAYEDLPK VLLEEDLDYF EEAANFLLAH PKIQQPGIGV ISVSKGAEIG LAMACYLKQV VATVCINGPS AIFDFPLKYR DLVVTPMRLA FEKIQFHGSG AACFRHCWDP QNMLNPPKIL PVEKAQGKIL FIVGENDQCL ASKLHAQRAM DRLRSHGRSS GRMLAYPGAG HLIEPPYSPF CFACWDSVLG KPMLWGGDPI AHAAAQVHSW REIQKFFRQH LLQSGGKL
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	46,011 Da
Sequence Positions	1-418aa; Full Length
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 Q5FVR5
Species	Rat
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Acnat2 recombinant protein	MBS1332502 is a recombinant protein targeting Acnat2. Also known as Recombinant Rat Acyl-coenzyme A amino acid N-acyltransferase 2 (Acnat2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Acnat2 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 Acnat2. It may not necessarily be applicable to this product.

NCBI GI #	62078859
NCBI GeneID	313220
NCBI Accession #	NP_001014085.1
UniProt Primary Accession #	Q5FVR5

UniProt Related Accession #	Q5FVR5
GenBank Nucleotide #	NM_001014063.1
NCBI Official Full Name	acyl-coenzyme A amino acid N-acyltransferase 2
NCBI Official Synonym Full Names	acyl-coenzyme A amino acid N-acyltransferase 2
NCBI Official Symbol	Acnat2
UniProt Protein Name	Acyl-coenzyme A amino acid N-acyltransferase 2
Protein Family	Acyl-coenzyme A amino acid N-acyltransferase
UniProt Gene Name	Acnat2
NCBI Protein Information	acyl-coenzyme A amino acid N-acyltransferase 2
UniProt Comments for Acnat2	Acyltransferase which efficiently conjugates very long-chain and long-chain fatty acids to taurine. Shows no conjugation activity in the presence of glycine ().
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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