Medium-chain specific acyl-CoA dehydrogenase, mitochondrial Recombinant Protein | ACADM recombinant protein

Recombinant Human Medium-chain specific acyl-CoA dehydrogenase, mitochondrial

CATALOG #	HOST
AAA113623	**E Coli or Yeast or Baculovirus or Mammalian Cell**

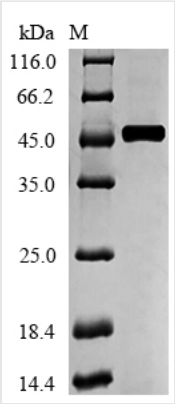
PRODUCT SYNONYMS

Medium-chain specific acyl-CoA dehydrogenase; mitochondrial; Recombinant Human Medium-chain specific acyl-CoA dehydrogenase; MCAD; ACADM recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	26-421. Full Length of Mature Protein
Sequence	KANRQREPGL GFSFEFTEQQ KEFQATARKF AREEIIPVAA EYDKTGEYPV PLIRRAWELG LMNTHIPENC GGLGLGTFDA CLISEELAYG CTGVQTAIEG NSLGQMPIII AGNDQQKKKY LGRMTEEPLM CAYCVTEPGA GSDVAGIKTK AEKKGDEYII NGQKMWITNG GKANWYFLLA RSDPDPKAPA NKAFTGFIVE ADTPGIQIGR KELNMGQRCS DTRGIVFEDV KVPKENVLIG DGAGFKVAMG AFDKTRPVVA AGAVGLAQRA LDEATKYALE RKTFGKLLVE HQAISFMLAE MAMKVELARM SYQRAAWEVD SGRRNTYYAS IAKAFAGDIA NQLATDAVQI LGGNGFNTEY PVEKLMRDAK IYQIYEGTSQ IQRLIVAREH IDKYKN
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for ACADM recombinant protein	This enzyme is specific for acyl chain lengths of 4 to 16.

Product Categories/Family for ACADM recombinant protein	Cancer
References	"Nucleotide sequence of medium-chain acyl-CoA dehydrogenase mRNA and its expression in enzyme-deficient human tissue." Kelly D.P., Kim J.-J.P., Billadello J.J., Hainline B.E., Chu T.W., Strauss A.W. Proc. Natl. Acad. Sci. U.S.A. 84:4068-4072(1987)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557231
NCBI GeneID	34
NCBI Accession #	NP_000007.1
NCBI GenBank Nucleotide #	NM_000016.5
UniProt Accession #	P11310; Q5T4U4; Q9NYF1
Molecular Weight	47.6 kDa
NCBI Official Full Name	medium-chain specific acyl-CoA dehydrogenase, mitochondrial isoform a
NCBI Official Synonym Full Names	acyl-CoA dehydrogenase, C-4 to C-12 straight chain
NCBI Official Symbol	ACADM
NCBI Official Synonym Symbols	MCAD; ACAD1; MCADH
NCBI Protein Information	medium-chain specific acyl-CoA dehydrogenase, mitochondrial
UniProt Protein Name	Medium-chain specific acyl-CoA dehydrogenase, mitochondrial
UniProt Gene Name	**ACADM**
UniProt Synonym Gene Names	MCAD
UniProt Entry Name	ACADM_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/acadm-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113623