ACADM Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	ACADM, Recombinant Protein
Full Product Name	Human ACADM Recombinant Protein N-6 His Tag
Product Gene Name	ACADM recombinant protein
Host	E Coli
Form/Format	This is a Liquid protein buffered in supplied as a 0.2um filtered solution of 20mM Tris, 0.1M NaCl, 20% Glycerol, pH 8.5. It is not recommended to reconstitute to a concentration less than 100UG/ml
Purity/Purification	Greater than 95% as determined by reducing SDS-PAGE. Endotoxin level less than 0.1 ng/ug (1 IEU/ug) as determined by LAL test.
Preparation and Storage	Store at -20 degree C, stable for 6 months after receipt. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Species	Human
Tag	N-6 His
Related Product Information for ACADM recombinant protein	Human ACADM Recombinant Protein N-6 His Tag has been recombinantly produced in E Coli. Medium-Chain Specific Acyl-CoA Dehydrogenase (ACADM) is a mitochondrial fatty acid beta-oxidation that belongs to the acyl-CoA dehydrogenase family. ACADM is a homotetramer enzyme that catalyzes the initial step of the mitochondrial fatty acid beta-oxidation pathway. ACADM is specific for acyl chain lengths of 4 to 16. It is essential for converting these particular fatty acids to energy, especially during fasting periods. Defects in ACADM cause medium-chain acyl-CoA dehydrogenase deficiency, a disease characterized by hepatic dysfunction, fasting hypoglycemia, and encephalopathy, which can result in infantile death. This recombinant protein can be used for biological assays.
Other Notes	Small volumes of ACADM 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.
Searchable Terms for ACADM purchase	MBS8431114 is a recombinant protein targeting ACADM. Also known as Human ACADM Recombinant Protein N-6 His Tag. Host: E Coli.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ACADM. It may not necessarily be applicable to this product.

Protein Family	Medium-chain specific acyl-CoA dehydrogenase
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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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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