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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

ACADM (Human) Recombinant Protein (P01)

Catalog Number: H00000034-P01

Regulation Status: For research use only (RUO)

Product Description: Human ACADM full-length ORF (NP_000007.1, 1 a.a. - 421 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAAGFGRCRVLRSISRHWRSQHTKANRQREPLG
FSFEFTEQQKEFQATARKFAREEIIPVAAEYDKTGEYP
VPLIRRAWELGLMNTHIPENCGLGLGTFDACLISEEL
AYGCTGVQTAIEGNSLGQMPHIIAGNDQKKKYLGRMT
EELMCAAYCVTEPGAGSDVAGIKTKAEKKGDEYIINGQ
KMWITNGGKANWYFLLARSDPKAPANKAFTGFIVE
ADTPGIQIGRKEINMGQRCSLTRGIVFEDVKVPKENVL
IGDGAGFKVAMGAFDKTRPVVAAGAVGLAQRALDEAT
KYALERKTFGKLLVEHQAI SFMLAEMAMKVELARMSY
QRAAWEVDSGRRNTYYASIAKAFAGDIANQLATDAVQI
LGGNGFNTEYPVEKLMRDAKIYQIYEGTSQIQRLIVAR
EHIDKYKN

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 73

Interspecies Antigen Sequence: Mouse (87); Rat (86)

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 34

Gene Symbol: ACADM

Gene Alias: ACAD1, FLJ18227, FLJ93013, FLJ99884, MCAD, MCADH

Gene Summary: This gene encodes the medium-chain specific (C4 to C12 straight chain) acyl-Coenzyme A dehydrogenase. The homotetramer enzyme catalyzes the initial step of the mitochondrial fatty acid beta-oxidation pathway. Defects in this gene cause medium-chain acyl-CoA dehydrogenase deficiency, a disease characterized by hepatic dysfunction, fasting hypoglycemia, and encephalopathy, which can result in infantile death. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]