

Product datasheet for AR09613PU-N

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OriGene Technologies, Inc.

ACADVL (41-655, His-tag) Human Protein

Product data:

Product Type: Recombinant Proteins

Description: ACADVL (41-655, His-tag) human recombinant protein, 50 μg

Species: Human **Expression Host:** E. coli

Expression cDNA Clone

MGSSHHHHHH SSGLVPRGSH MAGGAAQLAL DKSDSHPSDA LTRKKPAKAE SKSFAVGMFK or AA Sequence:

GQLTTDQVFP YPSVLNEEQT QFLKELVEPV SRFFEEVNDP AKNDALEMVE ETTWQGLKEL GAFGLQVPSE LGGVGLCNTQ YARLVEIVGM HDLGVGITLG AHQSIGFKGI LLFGTKAQKE

KYLPKLASGE TVAAFCLTEP SSGSDAASIR TSAVPSPCGK YYTLNGSKLW ISNGGLADIF TVFAKTPVTD

PATGAVKEKI TAFVVERGFG GITHGPPEKK MGIKASNTAE VFFDGVRVPS ENVLGEVGSG FKVAMHILNN GRFGMAAALA GTMRGIIAKA VDHATNRTQF GEKIHNFGLI QEKLARMVML QYVTESMAYM VSANMDQGAT DFQIEAAISK IFGSEAAWKV TDECIQIMGG MGFMKEPGVE RVLRDLRIFR IFEGTNDILR LFVALQGCMD KGKELSGLGS ALKNPFGNAG LLLGEAGKQL RRRAGLGSGL SLSGLVHPEL SRSGELAVRA LEQFATVVEA KLIKHKKGIV NEQFLLQRLA DGAIDLYAMV VVLSRASRSL SEGHPTAQHE KMLCDTWCIE AAARIREGMA ALQSDPWQQE

LYRNFKSISK ALVERGGVVT SNPLGF

Tag: His-tag Predicted MW: 68.5 kDa

Concentration: lot specific

Purity: >90% by SDS - PAGE

Buffer: Presentation State: Purified State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 1 mM DTT, 1 mM

EDTA, 0.1 M NaCl

Preparation: Liquid purified protein

Protein Description: Recombinant human ACADVL protein, fused to His-tag at N-terminus, was expressed in E.coli

and purified by using conventional chromatography techniques.

Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Storage:

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.





RefSeq: NP 000009

Locus ID: 37

 UniProt ID:
 P49748

 Cytogenetics:
 17p13.1

Synonyms: ACAD6; LCACD; VLCAD

Summary: The protein encoded by this gene is targeted to the inner mitochondrial membrane where it

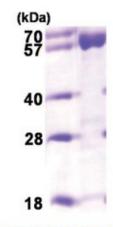
catalyzes the first step of the mitochondrial fatty acid beta-oxidation pathway. This acyl-Coenzyme A dehydrogenase is specific to long-chain and very-long-chain fatty acids. A deficiency in this gene product reduces myocardial fatty acid beta-oxidation and is associated with cardiomyopathy. Alternative splicing results in multiple transcript variants encoding

different isoforms. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Protein Pathways: Fatty acid metabolism, Metabolic pathways

Product images:



15% SDS-PAGE (3ug)