

Recombinant Human ACADVL protein, His-tagged

Cat. No. ACADVL-9271H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACADVL protein(312-655 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	312-655 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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AA Sequence

FDGVRVPSENVLGEVSGFKVAMHILNNGRFGMAAALAGTMRGIIAKAVDHATNRT
 QFGEKIHNFGLIQEKLARMVMLQYVTESMAYMVSANMDQGATDFQIEAAISKIFGSE
 AAWKVTDECIQIMGGMGFMKEPGVERVLRDLRIFRIFEGTNDILRLFVALQGCMDKG
 KELSGLGSALKNPFGNAGLLLGEAGKQLRRRAGLGSLSLVHPELSRSGELAV
 RALEQFATVVEAKLIHKKGIVNEQFLLQRLADGAIDLYAMVVVLSRASRSLSEGHPT
 AQHEKMLCDTWCIEAAARIREGMAALQSDPWQQELYRNFKSISKALVERGGVVTSN
 PLGF

GENE INFORMATION
Gene Name

[ACADVL acyl-CoA dehydrogenase, very long chain \[Homo sapiens \]](#)

Official Symbol

[ACADVL](#)

Synonyms

ACADVL; acyl-CoA dehydrogenase, very long chain; acyl Coenzyme A dehydrogenase, very long chain; very long-chain specific acyl-CoA dehydrogenase, mitochondrial; ACAD6; LCACD; VLCAD; acyl-Coenzyme A dehydrogenase, very long chain;

Gene ID

[37](#)

mRNA Refseq

[NM_000018](#)

Protein Refseq

[NP_000009](#)

MIM

[609575](#)

UniProt ID

[P49748](#)