

Acyl-CoA Dehydrogenase, Very Long Chain Human Recombinant

Item Number	rAP-0992
Synonyms	ACAD6, LCACD, VLCAD.
Description	ACADVL Human Recombinant produced in E.Coli is a non-glycosylated, polypeptide chain containing 636 amino acids (41-655 a.a.) and having a molecular mass of 68.5 kda. ACADVL contains 21 amino acid His-Tag at the N-terminus and is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P49748
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MAGGAAQLAL DKSDSHPSDA LTRKKPAKAE SKSFAVGMFK GQLTT-DQVFP YPSVLNEEQT QFLKELVEPV SRFFEEVNDP AKNDALEMVE ETTWQGLKEL GAFGLQVPSE LGGVGLCNTQ YARLVEIVGM HDLGVGITLG AHQSIGFKGI LLFGTKAQKE KYLPKLSAGE TVAAFCLTEP SSGSDAASIR TSAVPSPCGK YYTLNGSKLW ISNGGLADIF TVFAKTPVTD PATGAVKEKI TAFVVERGFG GITHGPPEKK MGIKASNTAE VFFDGVRVPS ENVLGEVSG FKVAMHILNN GRFGMAAALA GTMRGI-
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store ACADVL at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The 0.5mg/ml protein solution contains 20mM Tris-HCl buffer pH-8, 1mM DTT, 1mM EDTA, 10% glycerol and 100mM NaCl. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**