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ACADVL, 41-655aa, Human, His tag, E.coli

产品货号: TP01029

第三版

**别名:**Very long-chain specific acyl-CoA dehydrogenase, mitochondrial; ACAD6; LCACD; VLCAD.

**描述:**ACADVL, also known as VLCAD, LCACD or ACAD6, is an inner mitochondrial membrane protein that belongs to the family of acyl-CoA dehydrogenases. This protein is involved in lipid metabolism and has catalytic activity toward esters of long chain and very long chain fatty acids such as palmitoyl-CoA and stearoyl-CoA, and functions in the first step of the fatty acid oxidation pathway.

**配方:**Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol 1mM DTT, 1mM EDTA, 0.1M NaCl.

**分子量:**68.5 kDa (636aa)

**序列:**

MGSSHHHHHHSSGLVPRGSHMAGGAAQLALDKSDSHPSDALTRKKPAKAESKSFVGMFKGQLTTDQVFPYPSVLNEE  
QTQFLKELVEPVSRRFFEEVNDPAKNDALEMVEETTQWGLKELGAFGLQVPSELGGVGLCNTQYARLVEIVGMHDLGVGI  
TLGAHQSIGFKGILLFGTKAQKEKYLKASGETVAAFCLTEPSSGSDAASIRTSVSPCGKYYTLNGSKLWISNGGLADIFT  
VFAKTPVTDPATGAVKEKITAFAVVERGFGGITHGPPEKMGIKASNTAEVFFDGVVPSENVLGEVGSFGKIVAMHILNNG  
RFGMAAALAGTMRGIIAKAVDHATNRTQFGEKIHNFGLIQEKLARMVMLQYVTESMAYMVSANMDQGATDFQIEAAIS  
KIFGSEAAWKVTDECIQIMGGMGFMKEPGVERVLRDLRIFRIFEGTNDILRLFVALQGCMKDKGKELSGLSALKNPFGNA  
GLLLGEAGKQLRRRAGLGSGLSGLVHPELSRSGELAVRALEQFATVVEAKLIKHKKGIVNEQFLLQLRLADGAIDLAMV  
VVLSRASRSLSEGHPTAQHEKMLCDTWCIEAAARIREGMAALQSDPWQQELYRNFKSISKALVERGGVVTSNPLGF

**纯度:**> 95% by HPLC

**浓度:**0.5 mg/ml (determined by Bradford assay)

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:**+4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.