OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for PH305849

ACADVL (NM_001033859) Human Mass Spec Standard

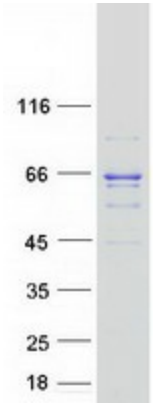
Product data:

Product Type:	Mass Spec Standards
Description:	ACADVL MS Standard C13 and N15-labeled recombinant protein (NP_001029031)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205849
Predicted MW:	68.1 kDa
Protein Sequence:	>RC205849 protein sequence Red=Cloning site Green=Tags(s) MQAARMAASLGRQLLRLGGGSSRLTALLGQPRPGPARRPYAGGAAQESKSFAVGMFKGQLTTDQVFPYPS VLNEEQTQFLKELVEPVSRFFEEVNDPAKNDALEMVEETTWQGLKELGAFGLQVPSELGGVGLCNTQYAR LVEIVGMHDLGVGITLGAHQSIGFKGILLFGTKAQKEKYLPKLASGETVAAFCLTEPSSGSDAASIRTSA VPSPCGKYYTLNGSKLWISNGGLADIFTVFAKTPVTDPATGAVKEKITAFVVERGFGGITHGPPEKKMGI KASNTAEVFFDGVRVPSENVLGEVGSGFKVAMHILNNGRFGMAAALAGTMRGIIAKAVDHATNRTQFGEK IHNFGLIQEKLARMVMLQYVTESMAYMVSANMDQGATDFQIEAAISKIFGSEAAWKVTDECIQIMGGMGF MKEPGVERVLRDLRIFRIFEGTNDILRLFVALQGCMDKGKELSGLGSALKNPFGNAGLLLGEAGKQLRRR AGLGSGLSLSGLVHPELSRSGELAVRALEQFATVVEAKLIKHKKGIVNEQFLLQRLADGAIDLYAMVVVL SRASRSLSEGHPTAQHEKMLCDTWCIEAAARIREGMAALQSDPWQQELYRNFKSISKALVERGGVVTSNP LGF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001029031
RefSeq Size:	2230

View online »

RefSeq ORF:	1899
Synonyms:	ACAD6; LCACD; VLCAD
Locus ID:	37
UniProt ID:	P49748
Cytogenetics:	17p13.1
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:



Coomassie blue staining of purified ACADVL protein (Cat# [TP305849]). The protein was produced from HEK293T cells transfected with ACADVL cDNA clone (Cat# [RC205849]) using MegaTran 2.0 (Cat# [TT210002]).