

Recombinant Full Length Human ACAD10 Protein, GST-tagged

Cat. No. ACAD10-892HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ACAD10 full-length ORF (AAH15056.1, 1 a.a. - 237 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	237 amino acids
Description	This gene encodes a member of the acyl-CoA dehydrogenase family of enzymes (ACADs), which participate in the beta-oxidation of fatty acids in mitochondria. The encoded enzyme contains a hydrolase domain at the N-terminal portion, a serine/threonine protein kinase catalytic domain in the central region, and a conserved ACAD domain at the C-terminus. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. [provided by RefSeq, Nov 2008]
Molecular Mass	52.8 kDa
AA Sequence	MGGVLIPSPG RVAAEWEVQN RIPSGTILKA LMEGGENG PW MRFMRAEITA EGFLREFGRL CSEMLKTSVP VDSFFSLLTS ERVAKQFPVM TEAITQIRAK GLQTAVLSNN FYLPNQKSFL PLDRKQFDVI VESCMEGICK PDPRIYKLCL EQLGLQPSES IFLDDLGTNL KEAARLGIHT IKVNDPETAV KELEALLGFT LRVGVPNTRP VKKTMEIPKD SLQKYLKDLL GIQTTGL

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	ACAD10 acyl-CoA dehydrogenase family, member 10 [Homo sapiens]
Official Symbol	ACAD10
Synonyms	ACAD10; acyl-CoA dehydrogenase family, member 10; acyl Coenzyme A dehydrogenase family, member 10; acyl-CoA dehydrogenase family member 10; MGC5601; ACAD-10; acyl-Coenzyme A dehydrogenase family, member 10
Gene ID	80724
mRNA Refseq	NM_001136538
Protein Refseq	NP_001130010
MIM	611181
UniProt ID	Q6JQN1