

Recombinant Human ACAD10 Protein, GST-Tagged

Cat. No. ACAD10-128H **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	Wheat Germ
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	MGGVLIPSPGRVAAEWEVQNRIPSGTILKALMEGGENGPMRFRMRAEITAEGFLRE FGRLCSEMLKTSVPVDSFFSLTTSERVAKQFPVMTAQTIRAKGLQTAVLSNNFYLP NQKSFLPLDRKQFDVIVESCMEGICKPDPRIYKLCLEQLGLQPSESIFLDDLGTNLKE AARLGIHTIKVNDPETAVKELEALLGFTLRVGVNTRPVKKTMEIPKDSLQKYLKDLL GIQTTGL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
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
12.5% SDS-PAGE Stained with Coomassie Blue.	

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