

Recombinant Human ACAD10, GST-tagged

Cat. No. ACAD10-9263H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACAD10 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-237a.a.
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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

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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
Chromosome Location	12q24.12
Function	acyl-CoA dehydrogenase activity; flavin adenine dinucleotide binding; hydrolase activity; transferase activity, transferring phosphorus-containing groups;