

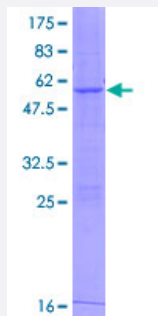
Full-Length

ACAD10 (Human) Recombinant Protein (P01)

Catalog # H00080724-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ACAD10 full-length ORF (AAH15056.1, 1 a.a. - 237 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MGGVLIPSPGRVAAEWEVQNRIPSGTILKALMEGGENGPMRFRMRAEITAEGFLREFGRLCSEM LKTSVPVDSFFSLLTSERVAQFPVMTEAITQIRAKGLQTAVLSNNFYLPNQKSFLPLDRKQFDVIV ESCMGICKPDPRYKLCLEQLGLQPSESIFLDDLGTNLKEAARLGIHTIKVNDPETA VKELEALLGF TLRVGVPNTRPVKKTMEIPKDSLQYKDLLGIQTTGL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	52.8
Interspecies Antigen Sequence	Mouse (75)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ACAD10

Entrez GeneID [80724](#)

GeneBank Accession# [BC015056.1](#)

Protein Accession# [AAH15056.1](#)

Gene Name ACAD10

Gene Alias MGC5601

Gene Description acyl-Coenzyme A dehydrogenase family, member 10

Omim ID [611181](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations -

Disease

- [Breast cancer](#)

- [Breast Neoplasms](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Insulin Resistance](#)
- [Tobacco Use Disorder](#)