

Recombinant Human ACAD8 Protein, GST-Tagged

Cat. No. ACAD8-130H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ACAD8 partial ORF (NP_055199, 306 a.a. - 415 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 that catalyze the dehydrogenation of acyl-CoA derivatives in the metabolism of fatty acids or branch chained amino acids. The encoded protein is a mitochondrial enzyme that functions in catabolism of the branched-chain amino acid valine. Defects in this gene are the cause of isobutyryl-CoA dehydrogenase deficiency.[provided by RefSeq, Nov 2009]
Molecular Mass	37.84 kDa
AA Sequence	GEPLASNQYLQFTLADMATRLVAARLMVRNAAVALQEERKDAVALCSMAKLFATDE CFAICNQALQMHHGGYGYLKDYAVQQYVRDSRVHQILEGSNEVMRILISRSLQEQ
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 [ACAD8 acyl-CoA dehydrogenase family, member 8 \[Homo sapiens \]](#)

Official Symbol [ACAD8](#)

Synonyms ACAD8; acyl-CoA dehydrogenase family, member 8; acyl Coenzyme A dehydrogenase family, member 8; isobutyryl-CoA dehydrogenase, mitochondrial; activator-recruited cofactor 42 kDa component; acyl-Coenzyme A dehydrogenase family, member 8; ARC42; ACAD-8;

Gene ID [27034](#)

mRNA Refseq [NM_014384](#)

Protein Refseq [NP_055199](#)

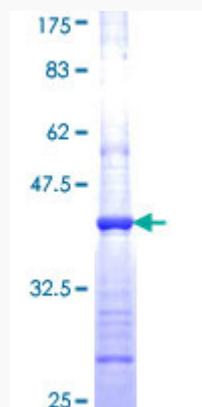
MIM [604773](#)

UniProt ID [Q9UKU7](#)

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12.5% SDS-PAGE Stained with Coomassie Blue.

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