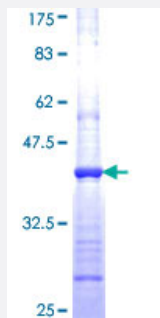


ACAD8 (Human) Recombinant Protein (Q01)

Catalog # H00027034-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ACAD8 partial ORF (NP_055199, 306 a.a. - 415 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	GEPLASNQYLQFTLADMATRLVAARLMVRNAAVALQEERKDAVALCSMAKLFATDECFAICNQA LQMHGGYGYLKDYAVQQYVRDSRVHQILEGSNEVMRILISRLLQE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Interspecies Antigen Sequence	Mouse (89); Rat (73)
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 — ACAD8

Entrez GeneID [27034](#)

GeneBank Accession# [NM_014384](#)

Protein Accession# [NP_055199](#)

Gene Name ACAD8

Gene Alias ACAD-8, FLJ22590

Gene Description acyl-Coenzyme A dehydrogenase family, member 8

Omim ID [604773](#) [611283](#)

Gene Ontology [Hyperlink](#)

Gene Summary Isobutyryl-CoA dehydrogenase (EC 1.3.99), encoded by the ACAD8 gene, catalyzes the third step of the degradation of the branched chain amino acid valine (Nguyen et al., 2002 [PubMed 1235 9132]).[supplied by OMIM]

Other Designations acyl-coenzyme A dehydrogenase 8

Pathway

- [Metabolic pathways](#)
- [Valine](#)

Disease

- [Alzheimer disease](#)