

Recombinant Human ACAD8 protein, T7-tagged

Cat. No. ACAD8-211H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ACAD8 (23-415aa) fused with T7 Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	23-415 a.a.
Form	0.4 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
AA Sequence	MASMTGGQQMGRGEFGSLVQTGHRSLTSCIDPSMGLNEEQKEFQKVAFDFAARE MAPNMAEWDQKELFPVDVMRK AAQLGFGGVYIQTDVGGSGLSRLDTSVIFEALAT GCTSTTAYISIHNMCAWMIDSFQNEEQRHKFCPPLCTMEKF ASYCLTEPGSGSDAA SLLTSAKKQGDHYILNGSKAFISGAGESDIYVVMCRTGGPGPKGISCIVVEKGTPGLS FG KKEKKVGWNSQPTRAVIFEDCAVPVANRIGSEGQGFLIAVRGLNGGRINIASC SL GAAHASVILTRDHLNVRKQF GEPLASNQYLQFTLADMATRLVAARLMVRNAVALQ EERKDAVALCSMAKLFATDECFAICNQALQMHGGYGYLK DYAVQQYVRDSRVHQI LEGSNEVMRILISRSLLQE
Purity	>90% by SDS-PAGE.
Storage	Keep at -80°C for long term storage. Product is stable at 4 °C for at least 30 days.

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GENE INFORMATION

Gene Name	ACAD8 acyl-CoA dehydrogenase family, member 8 [Homo sapiens]
Official Symbol	ACAD8
Synonyms	ACAD8; 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
Chromosome Location	11q25
Pathway	Branched-chain amino acid catabolism, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of amino acids and derivatives, organism-specific biosystem; Valine, leucine and isoleucine degradation, organism-specific biosystem; Valine, leucine and isoleucine degradation, conserved biosystem; valine degradation I, organism-specific biosystem;
Function	acyl-CoA dehydrogenase activity; acyl-CoA dehydrogenase activity; flavin adenine dinucleotide binding;

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