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Acyl-Coenzyme A Dehydrogenase 8 (ACAD8) Recombinant Human

Catalog No.	CRA208A	**Quantity:**	2 µg
	CRA208B		10 µg
	CRA208C		1 mg

Source: *E. coli*.

Background: Acyl-coenzyme A (CoA) dehydrogenases (ACADs) are a family of mitochondrial enzymes that catalyze the first dehydrogenation step in the bets-oxidation of fatty acyl-CoA derivatives. Several human ACADs exist and all ACADs catalyze the same initial dehydrogenation of the substrate at the beta-carbon atom and require electron transfer flavoprotein as an electron acceptor. The predicted 415-amino acid ACAD8 protein contains many of the residues conserved in most other ACADs, including an active site glutamic acid residue and residues important for tetramer formation.

Description: Recombinant Human ACAD-8 produced in E.coli is a non-glycosylated, polypeptide chain containing amino acids 1-415 and having a total MW of 47.7 kDa. Recombinant Human ACAD8 contains T7 tag at N-terminus.

Appearance: Sterile Filtered clear solution.

Formulation: Recombinant human Acyl-Coenzyme A Dehydrogenase 8 at a concentration of 0.1 mg/ml in 10 mM Tris, pH 8.0, 0.1% Triton X-100, 0.002% NaN_3, 10 mM DTT.

Stability: rhACAD8 although stable at 14°C for 1 week, should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze-thaw cycles.

Purity: Greater than 95.0% as determined by the analysis by reducing and non-reducing SDS-PAGE coomassie blue staining.

Applications: ELISA, Inhibition Assays and Western Blotting.

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