

Acyl-Coenzyme A Dehydrogenase 8 Human Recombinant

Item Number	rAP-0997
Synonyms	Acyl-CoA dehydrogenase family member 8 mitochondrial, ACAD-8, Isobutyryl-CoA dehydrogenase, Activator-recruited cofactor 42 kDa component, ARC42, FLJ22590.
Description	ACAD8 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 416 amino acids (23-415) and having a molecular mass of 45.1kDa.ACAD8 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9UKU7
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSLVQTGHR SLTSCIDPSM GLNEEQKEFQ KVAFDFAARE MAP-NMAEWDQ KELFPVDVMR KAAQLGFGGV YIQTDVGGSG LSRLDTSVIF EALATGCTST TAYISIHNMCAWMIDSGNE EQRHKFCPPL CTMEKFASYC LTEPGSGSDA ASLLTSAKKQ GDHYILNGSK AFISGAGESD IYVVMCRTGG PGPKGISCIV VEKGTPLSF GKKEKKVGWN SQPTRAVIFE DCAVPVANRIGSEGQGFLLA VRGLNGGRIN IASCSLGAH ASVILTRDHL NVRKQFGEPL ASNQYLQFTL AD-
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Formulation and Purity	The ACAD8 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 30% glycerol. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**