

## Recombinant Human ACADM Protein

Catalog #	Source	Reactivity	Applications
CRP1002	E. coli	Human	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Human ACADM Protein is produced by our E. coli expression system and the target gene encoding Lys26-Asn421 is expressed with a 6His tag at the N-terminus.		
<b>Form</b>	Liquid in a 0.2 μM filtered solution of 20mM Tris, 0.1M NaCl, 20% Glycerol, pH 8.5.		
<b>Gene Symbol</b>	ACADM		
<b>Alternative Names</b>	Medium-chain specific acyl-CoA dehydrogenase, mitochondrial; MCAD		
<b>Entrez Gene</b>	34 (Human)		
<b>SwissProt</b>	P11310 (Human)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	<p>MGSSHHHHHH SSGLVPRGSH MKANRQREPG LGFSFEFTEQ QKEFQATARK FAREEIIPVA            AEYDKTGEYP VPLIRRAWEL GLMNTHIPEN CGGLGLGTFD ACLISEELAY GCTGVQTAIE            GNSLGQMPII IAGNDQQKKK YLGRMTEEPL MCAYCVTEPG AGSDVAGIKT KAEKKGDEYI            INGQKMWITN GGKANWYFLL ARSDPDPKAP ANKAFTGFIV EADTPGIQIG RKELNMGQRC            SDTRGIVFED VKVPKENVLI GDGAGFKVAM GAFDKTRPVV AAGAVGLAQR ALDEATKYAL            ERKTFGKLLV EHQAISFMLA EMAMKVELAR MSYQRAAWEV DSGRRNTYYA SIAKAFAGDI            ANQLATDAVQ ILGGNGFNTE YPVEKLMRDA KIYQIYEGTS QIQLLIVARE HIDKYKN</p>		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
<b>Directions for Use</b>	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		
<b>Storage/Stability</b>	Store it at -20°C to -80°C for one year.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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