

# Human ACADM Recombinant Protein



RPPB5768

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## Product Information    Protein Information

**Product SKU:**

RPPB5768

**Accession:**

P11310

**Host:**

Escherichia Coli.

**Protein description:**

ACADM Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 417 amino acids (26-421 a.a.) and having a molecular mass of 45.9 kDa. The ACADM is fused to a 21 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

ACADM, ACAD1, CAD, MCADH, MCAD, EC=1.3.99.3, Medium-chain specific acyl-CoA dehydrogenase, mitochondrial, FLJ18227, FLJ93013, FLJ99884.

**Formulation:**

The ACADM (0.5mg/ml) protein solution containing 20mM Tris-HCl pH-7.5, 0.1M NaCl & 20% glycerol.

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**Stability:**

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.

**Amino Acid Sequence:**

MGSSHHHHHH SSSLVPRGSH MKANRQREPG LGFSFEFEQ QKEFQATARK FAREEIPVA 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 QIQLIVARE HIDKYKN.