

# Human ACAD8 Recombinant Protein



RPPB5766

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## Product Information    Protein Information

**Product SKU:**

RPPB5766

**Accession:**

Q9UKU7

**Host:**

Escherichia Coli.

**Protein 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.

**Appearance:**

Sterile Filtered clear solution.

**Synonyms:**

Acyl-CoA dehydrogenase family member 8 mitochondrial, ACAD-8, Isobutyryl-CoA dehydrogenase, Activator-recruited cofactor 42 kDa component, ARC42, FLJ22590.

**Formulation:**

The ACAD8 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 30% glycerol.

**Purity:**

Greater than 95% 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 SGLVPRGSH MGSLVQTGHR SLTSCIDPSM GLNEEQKEFQ KVAFDFAARE MAPNMAEWDQ  
KELFPVDVMR KAAQLGFGGV YIQTDVGGSG LSRLDTSVIF EALATGCTST TAYISIHNMCA AWMIDSGNE  
EQRHKFCPPL CTMEKFASYC LTEPGSGSDA ASLLTSACKQ GDHYILNGSK AFISGAGESD IYVVMCARTGG  
PGPKGISCIV VEKGPGLSF GKKEKKVGNW SQPTRAVIFE DCAVPVANRI GSEGQGLIA VRGLNGGRIN  
IASCSLGA AH ASVILTRDHL NVRKQFGEPL ASNQYLQFTL ADMATRLVAA RLMVRNAAVA LQEERKDAVA  
LCSMAKLFAT DECFAICNQA LQMHGGYGYL KDYAVQQYVR DSRVHQILEG SNEVMRILIS RSLQLQ.