

Recombinant Human ACAD11 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ACAD11-3858H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ACAD11 MS Standard C13 and N15-labeled recombinant protein (NP_115545) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes an acyl-CoA dehydrogenase enzyme with a preference for carbon chain lengths between 20 and 26. Naturally occurring read-through transcription occurs between the upstream gene NPHP3 (nephronophthisis 3 (adolescent)) and this gene.
Molecular Mass	87.3 kDa
AA Sequence	MKPGATGESDLAEVLPQHKFDSKSLEAYLNQHLSGFGAEREATLTIAQYRAGKSNP TFYLQKGFQTYVLRKKPPGSLLPKAHQIDREFKVQKALFSIGFPVPKPILYCSDTSVIG TEFYVMEHVQGRIFRDLTIPGLSPAERSAIYVATVETLAQLHSLNIQSLQLEGYGIGAG YCKRQVSTWTKQYQAAAHQDIPAMQQLSEWLMKNLPDNDNEENLIHGDFRLDNIVF HPKECRVIAVLDWELSTIGHPLSLDLAHFSLFYFWPRTVPMINQGSYSENSGIPSMEE LISIYCRCRGINSILPNWNFFLALSIFYKMAQIAQGVYSRYLLGNNSSEDSFLFANIVQP LAETGLQLSKRTFSTVLPQIDTTGQLFVQTRKGQEVLIKVKHFMKQHILPAEKEVTEF YVQNEINSVDKWGKPLVIDKLKEMAKVEGLWNLFPAVSGLSHVDYALIAEETGKCFE APDVFNCQAPDTGNMEVLHLYGSEEQKKQWLEPLLQGNITSCFCMTEPDVASSDA

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TNIECSIQRDEDSYVINGKKWWSSGAGNPKCKIAIVLGRTQNTSLSRHKQHSMILVP
 MNTPGVKIIRPLSVFGYTDNFHGGHFHFNQVRVPATNLILGEGRGFEISQGRLGPG
 RIHHCMRTVGLAERALQIMCERATQRIAFKKKLYAHEVVAHWIAESRIAIEKIRLLTLK
 AAHSMDTLGSAGAKKEIAMIKVAAPRAVSKIVDWAIQVCGGAGVSQDYPLANMYAIT
 RVLRLADGPDEVHLSAIATMELRDQAKRLTAKITRTRPLEQKLISEEDLAANDILDYKD
 DDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name ACAD11 acyl-CoA dehydrogenase family member 11 [Homo sapiens (human)]

Official Symbol ACAD11

Synonyms ACAD11; acyl-CoA dehydrogenase family, member 11; acyl Coenzyme A dehydrogenase family, member 11; acyl-CoA dehydrogenase family member 11; FLJ12592; 62113 protein; acyl-Coenzyme A dehydrogenase family, member 11; ACAD-11; MGC150619;

Gene ID 84129

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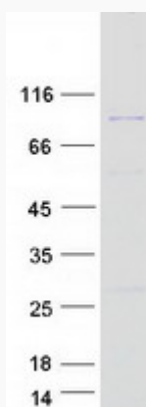
mRNA Refseq NM_032169

Protein Refseq NP_115545

MIM 614288

UniProt ID Q709F0

SDS-PAGE



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