

Product datasheet for **TP303235M**

ACAD9 (NM_014049) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human acyl-Coenzyme A dehydrogenase family, member 9 (ACAD9), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203235 protein sequence Red =Cloning site Green =Tags(s)

MSGCGLFLRRTAAARACRGLVSTANRRLLRTSPPVRAFAKELFLGKIKKKEVFPFPEVSQDELNEINQF
LGPVEKFFTEEVDSRKIDQEGKIPDETLEKLKSLGLFGLQVPEEYGGGLGFSNTMYSRLGEIISMDGSITV
TAAHQAIGLKGILAGTEEQKAKYLPKLASGEHIAAFCLTEPASGSDAASIRSRTLSEDKKHILNGS
KWITNGGLANIFTVFAKTEVSDSDGSVKDKITAFIVERDFGGVTNGKPEDKLGIRGSNTCEVHFENTKI
PVENILGEVGDGFKVAMNINSGRFSMGSVAGLLKRLIEMTAEYACTRKQFNKRLSEFGLIQEKFALMA
QKAYVMESMTYLTAGMLDQPGFPDCSIEAAMVKVFSSEAAWQCSEALQILGGLGYTRDYPYERILRDTR
ILLIFEGTNEILRMYIALTGLQHAGRILTTRIHCLKQAKVSTVMDTVGRRLRDSLGRVLDLGLTGNHGVV
HPSLADSANKFEENTYCFGRVETLLLRFGKTIMEEQVLVLRVANILINLYGMTAVLSRASRSIRIGLRN
HDHEVLLANTFCVEAYLQNLFSLSQLDKYAPENLDEQIKKVSQQILEKRAYICAHPLDRTC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	68.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_054768](#)

Locus ID: 28976

UniProt ID: [Q9H845](#)

RefSeq Size: 2608

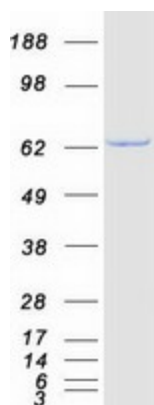
Cytogenetics: 3q21.3

RefSeq ORF: 1863

Synonyms: MC1DN20; NPD002

Summary: This gene encodes a member of the acyl-CoA dehydrogenase family. Members of this family of proteins localize to the mitochondria and catalyze the rate-limiting step in the beta-oxidation of fatty acyl-CoA. The encoded protein is specifically active toward palmitoyl-CoA and long-chain unsaturated substrates. Mutations in this gene cause acyl-CoA dehydrogenase family member type 9 deficiency. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Mar 2010]

Product images:



Coomassie blue staining of purified ACAD9 protein (Cat# [TP303235]). The protein was produced from HEK293T cells transfected with ACAD9 cDNA clone (Cat# [RC203235]) using MegaTran 2.0 (Cat# [TT210002]).