

Product datasheet for **TP509031**

AcsM2 (NM_146197) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse acyl-CoA synthetase medium-chain family member 2 (AcsM2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209031 protein sequence Red =Cloning site Green =Tags(s)

MHHLWKIPRLFTLWGNEISCRTFHMNIKKLIPIQWGHQEAPAKFNFASDVIDHWASVEKAGKRSSGPALW
WMNGSGKEIKWSFRELSASKQTANVLGACGLHRGDRVAVLPRPEWWLMILGCMRTGLVFMPTIQM
RSSDILYRLQASKARAVAGDEVAQEVDVAPDCSFLKIKLLVSENSREGWLNFKALLKEASTIHQCVET
ESRESAAIYFTSGTSGPPKMAEHSCHSLGKAKMDAASWTGLSTSDIWTISDTAWIMNILGAFLEPWVL
GACIFVHLLPKFDSQTVLKVLSYPINTLVGAPIYRMLLQDLSSYKFPHLHSCFSGGETLLPETLENW
KAKTGLEIREIYGQTETGLICRVSRMVKVPGYLGTAFAHYDVQVIDEQGNVLPKGKEGDIAIRVKPIWP
IGMFSGYVDNPKKTQDNIRGDFWLMGDRGKIDPEGYFHFIGRSDDIINSSGYRIGPSEVENALMEHPAVS
ETAVISSPDPSRGEVVKAFVWLAPEFLSHDRDQLTKVLQEHVKSVTAPYKYPRKVEFVLDLPKTVTGTKIE
RAKLRAKEWKTSGRA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	64.3 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
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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq:	NP_666309
Locus ID:	233799
UniProt ID:	Q8K0L3
RefSeq Size:	6527
Cytogenetics:	7 F2
RefSeq ORF:	1728
Synonyms:	AI315615; BC031140
Summary:	Has medium-chain fatty acid:CoA ligase activity with broad substrate specificity (in vitro). Acts on acids from C(4) to C(11) and on the corresponding 3-hydroxy- and 2,3- or 3,4-unsaturated acids (in vitro) (By similarity).[UniProtKB/Swiss-Prot Function]