

Product datasheet for **TP509099**

Acsm4 (NM_178414) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse acyl-CoA synthetase medium-chain family member 4 (Acsm4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209099 protein sequence Red=Cloning site Green=Tags(s)

MKVLLHCQRLRFIWLAKPAGRHFHRDSQLWAPLTLDDFEAINRCEKPLPKNFNFAADVLDQWLSLKEKSGE
RPNPALWWVNGKGDVWVWVNGKGVKSFQELGSLSRKAANVLTKPCGLQRGDRVAVILPRIPEWWLINVACMRTGLV
FMPGTIQLTRKDILYRLQASKAKCIVASEEVAPAVDSIVSECPKSLKLLVSPHWDGWLNQFQELLQSAS
EEHNCVETGSQEPMAIYFTSGTTGSPKMAQHSQGSGLGIGYTLGCRYWLDLTSSDIMWNMSDTGWIKAAIG
SVFSTWLRGACVHVHRMAQFDTDFLDLTLTYPIITLCSAPTYYRMLVQKDLKRYQFKRLRHCLTGGEPL
NPEVLEQWKMQTGLELYEGYGQTEVGIICANRKGEAIKPGSMGKGVVYDVQIIDENGNILPSGKEGEIA
LRLKSDRPFCCFFSEYVDNPEKTDATIRRFYVTGDRGVMDDDGYFWFVGRADDVISSGYRIGPFEVESA
LIEHPAWESAVVSSPDPIRGEVVKAFIVLAAPYKCSNREKLTAEHQDHVKNSTAPYKYPRKVEFVQELP
KTITGKIKRNVLDRDQEWGRA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	65.4 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_848501](#)

Locus ID: 233801

UniProt ID: [Q80W40](#)

RefSeq Size: 2153

Cytogenetics: 7 F2

RefSeq ORF: 1743

Synonyms: O-MACS; OMACS

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]