

## Product datasheet for **TP314283M**

### ACSM2B (NM\_182617) Human Recombinant Protein

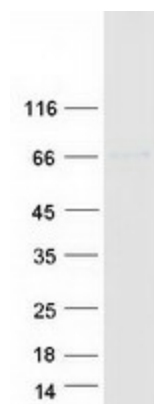
#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human acyl-CoA synthetase medium-chain family member 2B (ACSM2B), nuclear gene encoding mitochondrial protein, transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214283 representing NM_182617 <span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s)  MHWLRKVQGLCTLWGTQMSSRTLYINSRQLVSLQWGHQEVPAKFNFASDVLDHWADMEKAGKRLPSP ALW WVNGKGKELMWNFRELENSQQAANVLSGACGLQRGDRVAVMLPRVPEWWLVILGCIRAGLIFMPGTI QM KSTDILYRLQMSKAKAIVAGDEVIQEVDTVASECPSLRIKLLVSEKSCDGLNFKLLNEASTTHHCVET GSQEASAIYFTSGTSGLPKMAEHSYSSLGLKAKMDAGWTGLQASDIMWTISDTGWILNILGSLLESWTLG ACTFVHLLPKFDPLVILKTLSSYPIKSMMGAPIVYRMLLQQDLSSYKPHLQNCLAGGESLLPETLENWR AQTGLDIREFYGQTETGLTCMVSKTMKIKPGYMGTAASCYDVQVIDDKGNVLP PGTEGDIGIRVKPIRPI GIFSGYVENPDKTAAANIRGDFWLLGDRGIKDEDGYFQFMGRADDIINSSGYRIGPSEVENALMKHPAVVE TAVISSPDPVRGEVVKAFVILASQFLSHDPEQLTKELQQHVKSVTAPYKYPRKIEFVLNLPKTVTGKIQR TKLRDKEWKMSGKARAQ  <span style="color: red;">TR</span> <span style="color: green;">TRPLEQKLISEEDLAANDILDYKDDDDKV</span>
Tag:	C-Myc/DDK
Predicted MW:	64.1 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.


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<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_872423</a>
<b>Locus ID:</b>	348158
<b>UniProt ID:</b>	<a href="#">Q68CK6</a>
<b>RefSeq Size:</b>	1995
<b>Cytogenetics:</b>	16p12.3
<b>RefSeq ORF:</b>	1731
<b>Synonyms:</b>	ACSM2; HXMA; HYST1046
<b>Summary:</b>	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).[UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified ACSM2B protein (Cat# [TP314283]). The protein was produced from HEK293T cells transfected with ACSM2B cDNA clone (Cat# [RC214283]) using MegaTran 2.0 (Cat# [TT210002]).