

## Product datasheet for **TP325976**

### ACSM2B (NM\_001105069) Human Recombinant Protein

#### Product data:

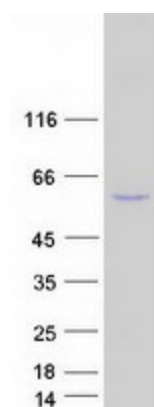
<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human acyl-CoA synthetase medium-chain family member 2B (ACSM2B), transcript variant 2, 20 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC225976 representing NM_001105069 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MHWLRKVVQGLCTLWGTQMSSRTLYINSRQLVSLQWGHQEVPAKFNFASDVLDPHWADMEKAGKRLPSPALW WVNGKGMWVNFRELSNSQQAANILSGACGLQRGDRVAVMLPRVPEWWLVILGCIRAGLIFMPGTIQM KSTDILYRLQMSKAKAIVAGDEVIQEVDTVASECPSLRKLLVSEKSCDGWLNFKLLNEASTTHHCVET GSQEASAIYFTSGTSLPKMAEHSYSSLGLKAKMDAGWTGLQASDIMWTTISDTGWILNLSLLESWTGLG ACTFVHLLPKFDPLVILKTLSSYPIKSMMGAPIVYRMLLQDLSSYKFPHLQNCLAGGESLLPETLENWR AQTGLDIREFYGQTETGLTCMVSKTMKIKPGYMGTAASCYDVQVIDDKGNVLPPTGTEGDIGIRVKPIRPI GIFSGYVENPDKTAANIRGDFWLLGDRGIKDEDGYFQFMGRADDIINSSGYRIGPSEVENALMKHPAVVE TAVISSPDPVRGEVVKAFVILASQFLSHDPEQLTKELQQHVKSVTAPYKYPRKIEFVNLNPKTVTGTGIQR TKLRDKEWKMSGKARAQ
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	64.1 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.



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<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_001098539</a>
<b>Locus ID:</b>	348158
<b>UniProt ID:</b>	<a href="#">Q68CK6</a>
<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# TP325976). The protein was produced from HEK293T cells transfected with ACSM2B cDNA clone (Cat# [RC225976]) using MegaTran 2.0 (Cat# [TT210002]).