

## Product datasheet for **TP303364M**

### ACSS3 (NM\_024560) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human acyl-CoA synthetase short-chain family member 3 (ACSS3), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203364 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MKPSWLQCRKVTSAGGLGGPLPGSSPARGAGAALRALWVPGPRGGLGGRGCRALSSGSGSEYKTHFAASV  
TDPERFWGKAAEQISWYKPWTKTLENKHSPSTRWFVEGMLNICYNAVDRHIENGKGDKIAIYDSPVTNT  
KATFTYKEVLEQVSKLAGVLVKHGIKKGDTVVIYMPMIPQAMYTMLACARIGAIHSLIFGGFASKELSSR  
IDHVKPKVVTASFGIEPGRRVEYVPLVEEALKIGQHKPKILYINRPNMEAVPLAPGRDLDWDEEMAKA  
QSHDCVPLSEHPLYILYTSGLTGLPKGVIRPTGGYAVMLHWSMSSYGLQPGEVWWAASDLGWVVGHSY  
ICYGPLLHGNTTVLYEGKPVGTPDAGAYFRVLAEHGVAALFTAPT AIRAIRQQDPGAALGKQYSLTRFKT  
LFVAGERCDVETLEWSKNVFRVPVLDHWWQTETGSPITASCVGLGNSKTPPPGQAGKSVPGYNVMILDDN  
MQKLKARCLGNIVVKLPLPPGAFSGLWKNQEAFKHLHYFEKFPGYDMDAGYMDDEEGLYVMSRVDDVIN  
VAGHRISAGAIEESILSHGTVADCAVVGKEDPLKGHVPLALCCLRKDINATEEQVLEEIVKHVRQNIQPV  
AAFRNAVFKQLPKTRSGKIPRSALSIAVNGKPKYKITSTIEDPSIFGHVEEMLKQA

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

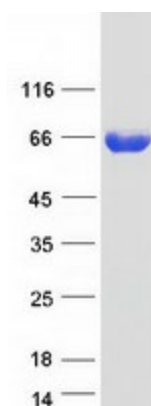
Tag:	C-Myc/DDK
Predicted MW:	74.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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:	<a href="#">NP_078836</a>
Locus ID:	79611
UniProt ID:	<a href="#">Q9H6R3</a>
RefSeq Size:	3033
Cytogenetics:	12q21.31
RefSeq ORF:	2058
Summary:	Activates acetate so that it can be used for lipid synthesis or for energy generation. [UniProtKB/Swiss-Prot Function]
Protein Pathways:	Metabolic pathways, Propanoate metabolism

### Product images:



Coomassie blue staining of purified ACSS3 protein (Cat# [TP303364]). The protein was produced from HEK293T cells transfected with ACSS3 cDNA clone (Cat# [RC203364]) using MegaTran 2.0 (Cat# [TT210002]).