

Product datasheet for **TP762593**

ACSM3 (NM_202000) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human acyl-CoA synthetase medium-chain family member 3 (ACSM3), transcript variant 2, full length, with N-terminal GST and C-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region full length of ACSM3
Tag:	N-GST and C-HIS
Predicted MW:	49.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
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.
RefSeq:	NP_973729
Locus ID:	6296
UniProt ID:	Q53FZ2
RefSeq Size:	1587
Cytogenetics:	16p12.3
RefSeq ORF:	1314
Synonyms:	SA; SAH



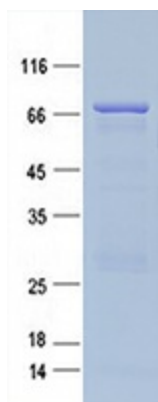
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Summary: Has medium-chain fatty acid:CoA ligase activity with broad substrate specificity (in vitro). Acts on acids from C(4) to C(11) and on the corresponding 3-hydroxy- and 2,3- or 3,4-unsaturated acids (in vitro) (By similarity).[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome

Protein Pathways: Butanoate metabolism, Metabolic pathways

Product images:



Purified recombinant protein ACSM3 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.