

Product datasheet for **TP301500M**

OXSM (NM_017897) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human 3-oxoacyl-ACP synthase, mitochondrial (OXSM), nuclear gene encoding mitochondrial protein, transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201500 protein sequence Red =Cloning site Green =Tags(s)

MSNCLQNFLKITSTRLLCSRLCQQLRSKRKFFGTVPISRLHRRVITGIGLVTPLVGTHLWDRDIGGE
SGIVSLVGEEYKSIPCSVAAYVPRGSDEGQFNEQNFVSKSDIKSMSSPTIMAIGAAELAMKDSGWHPQSE
ADQVATGVAIGMGMIPLEVVSETALNFQTKGYNKVSPFFVPKILVNMAAGQVSIRYKLGPNHAVSTACT
TGAHAVGDSFRFIAHGDADVMVAGGTDSCISPLSLAGFSRARALSTNSDPKLACRPFHPKRDGFVMGEGA
AVLVLEEYEHAVQRRARIYAEVLGYLSGDAGHITAPDPEGEGALRCMAAALKDAGVQPEEISYINAHAT
STPLGDAAENKAIKHLFKDHAYALAVSSTKGATGHLLGAAGAVEAAFTTLACYQKLPPTLNLDCEPEF
DLNYVPLKAQEWKTEKRFI GLTNSFGFGGTNATLCIAGL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	48.7 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.
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_060367](#)

Locus ID: 54995

UniProt ID: [Q9NWU1](#)

RefSeq Size: 1537

Cytogenetics: 3p24.2

RefSeq ORF: 1377

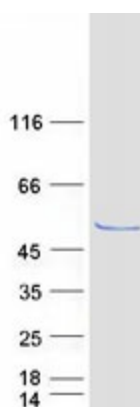
Synonyms: CEM1; FASN2D; KASI; KS

Summary: This gene encodes a beta-ketoacyl synthetase. The encoded enzyme is required for elongation of fatty acid chains in the mitochondria. Alternatively spliced transcript variants have been described.[provided by RefSeq, Feb 2009]

Protein Families: Druggable Genome

Protein Pathways: Fatty acid biosynthesis, Metabolic pathways

Product images:



Coomassie blue staining of purified OXSM protein (Cat# [TP301500]). The protein was produced from HEK293T cells transfected with OXSM cDNA clone (Cat# [RC201500]) using MegaTran 2.0 (Cat# [TT210002]).