

## Product datasheet for **TP525057**

### Oxsm (NM\_027695) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse 3-oxoacyl-ACP synthase, mitochondrial (Oxsm), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR225057 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MLSKCLQHFLKATISHPYLASYSWLISKHRFYGTVPAAMLRRRWITGIGLVTPLGVTQLVWDRLLRGE  
SGIVSVVGDEYKNIPCSVAAYVPRGPHEGQFNEENFVSKSDAKSMSSTIMAVGAAELALKDSGWHPKRE  
ADQVATGVAIGMGMVPLEVISETALLFQTKGYNKVSPFFVPKILINMAAGQVSIKYKLGPNHVSVACT  
TGAHAVGDSFRFIAHGDADVMVAGGTDSCISPLSLAGFSRARALSSNPDPKLACRPFHPERDGFVMGEGA  
AVLVLEEHEHAVQRGARIYAEILGYLSGDAGHITAPDPEGEGALRCMAAAVKDAGVSPEQISYVNAHAT  
STPLGDAAENRAIKRLFRDHACALAISSTKGATGHLLGAAGAVEATFTALACYHQKLPPTLNLDCTEPEF  
DLNYPVLESQEWKAEGRCIGLTNSFGFGGTNATLCIAGM

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	48.6 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
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:	<a href="#">NP_081971</a>
Locus ID:	71147



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UniProt ID:	<a href="#">Q9D404</a>
RefSeq Size:	3752
Cytogenetics:	14 A2
RefSeq ORF:	1380
Synonyms:	4933425A18Rik; C80494
Summary:	May play a role in the biosynthesis of lipoic acid as well as longer chain fatty acids required for optimal mitochondrial function.[UniProtKB/Swiss-Prot Function]