

Recombinant Mouse Oxsm Protein, Myc/DDK-tagged

Cat. No. Oxsm-4633M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length 3-oxoacyl-ACP synthase, mitochondrial (Oxsm), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	May play a role in the biosynthesis of lipoic acid as well as longer chain fatty acids required for optimal mitochondrial function.
Molecular Mass	48.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Oxsm 3-oxoacyl-ACP synthase, mitochondrial [Mus musculus (house mouse)]
Official Symbol	Oxsm
Synonyms	Oxsm; 3-oxoacyl-ACP synthase, mitochondrial; C80494; 4933425A18Rik; 3-oxoacyl-[acyl-carrier-protein] synthase, mitochondrial; beta-ketoacyl-ACP synthase; EC 2.3.1.41
Gene ID	71147
mRNA Refseq	NM_027695
Protein Refseq	NP_081971
UniProt ID	Q9D404

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