

# Human OXSM Recombinant Protein



RPPB2062

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## Product Information    Protein Information

**Product SKU:**

RPPB2062

**Accession:**

Q9NWU1

**Host:**

Escherichia Coli.

**Protein description:**

OXSM Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 455 amino acids (28-459) and having a molecular mass of 48.1kDa. OXSM is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered clear solution.

**Synonyms:**

3-Oxoacyl-ACP Synthase Mitochondrial, Type II Mitochondrial Beta-Ketoacyl Synthase, 3-Ketoacyl-Acyl Carrier Protein Synthase, FASN2D, KASI, EC 2.3.1, Beta-Ketoacyl-ACP Synthase.

**Formulation:**

The OXSM solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.15M NaCl, 1mM DTT and 10% glycerol.

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHH SGLVPRGSH MGSKRKFFGT VPISRLHRRV VITGIGLVTP LGVGTHLVWD RLIGGESGIV  
SLVGEEYSI PCSVAAYVPR GSDEGQFNEQ NFVSKSDIKS MSSPTIMAIG AAELAMKDSG WHPQSEADQV  
ATGVAIGMGM IPLEVVSETA LNFQTKGYNK VSPFFVPKIL VNMAAGQVSI RYKLGPNHA VSTACTTGAH  
AVGDSFRFIA HGDADVMVAG GTDSCISPLS LAGFSRARAL STNSDPKLAC RPFHPKRDGF VMGEGAAVLV  
LEEYHAVQR RARIYAEVLG YGLSGDAGHI TAPDPEGEGA LRCMAAALKD AGVQPPEISY INAHATSTPL  
GDAAENKAIK HLFKDHAYAL AVSSTKGATG HLLGAAGAVE AAFRTLACY YQLPPTLNLD CSEPEFDLNY  
VPLKAQEWKT EKRFGLTNS FGFGGTNATL CIAGL.