

3-Oxoacyl-ACP Synthase, Mitochondrial Human Recombinant

Item Number	rAP-1849
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.
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.
Uniprot Accession Number	Q9NWU1
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSKRKFFGT VPISRLHRRV VITGIGLVTP LGVGTHLVWD RLIGGES-GIV SLVGEEYKSI PCSVAAYVPR GSDEGQFNEQ NFVSKSDIKS MSSPTIMAIG AAELAMKDSG WHPQSEADQV ATGVAIGMGM IPLEVSETA LNFQTKGYNK VSPFFVPKIL VNMAAGQVSI RYKLGPNHA VSTACTTGAH AVGDSFRFIA HGDADVMVAG GTDSCISPLS LAGFSRARAL STNSDPKLAC RPFHPKRDGF VMGEGAAVLV LEEYEHAVQR RARIYAEVLG YGLSGDAGHI TAPDPEGEA LRCMAAALKD AGVQPEEISY INAHATSTPL GDAAENKAIK HLFKDHAYAL AVSSTKGATG HLLGAAGAVE AAFTTLACY YQKLPPTLNLD CSEPEFDLNY VPLKAQEWKT EKRFGLTNS FGFGGTNATL CIAGL.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	The OXSM solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.15M NaCl, 1mM DTT and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**