

Product datasheet for **AR51171PU-S**

OXSM (28-459, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	OXSM (28-459, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSKRKFFGT VPISRLHRRV VITGIGLVTP LGVGTHLVWD RLIGGESGIV SLVGEEYKSI PCSVAAAYVPR GSDEGQFNEQ NFVSKSDIKS MSSPTIMAIG AAELAMKDSG WHPQSEADQV ATGVAIGMGM IPLEVVSETA LNFQTKGYNK VSPFFVPKIL VNMAAGQVSI RYKLGPNHA VSTACTTGAH AVGDSFRFIA HGDADVMVAG GTDSCISPLS LAGFSRARAL STNSDPKLAC RPFHPKRDGF VMGEGAAVLV LEEYEHAVQR RARIYAEVLG YGLSGDAGHI TAPDPEGEGA LRCMAAALKD AGVQPEEISY INAHATSTPL GDAENKAIK HLFKDHAYAL AVSSTKGATG HLLGAAGAVE AAFTTLACY YQKLPPTLNLD CSEPEFDLNY VPLKAQEWKT EKRFGLTNS FGFGGTNATL CIAGL
Tag:	His-tag
Predicted MW:	48.1 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human OXSM protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001138863</u>
Locus ID:	54995



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UniProt ID:	Q9NWU1
Cytogenetics:	3p24.2
Synonyms:	3-oxoacyl-ACP synthase, Beta-ketoacyl-ACP synthase
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:

