

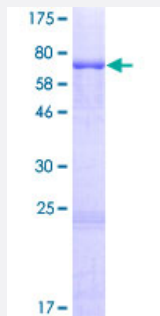
Full-Length

OXSM (Human) Recombinant Protein (P01)

Catalog # H00054995-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human OXSM full-length ORF (NP_060367.1, 1 a.a. - 459 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSNCLQNFLKITSTRLLCSRLCQQLRSKRKFFGTVPISRLHRRVVITGIGLVTPLGVGTHLVWDRIG
GESGMSLVGEEYKSIPCSVAAYVPRGSDEGQFNEQNFSKSDIKSMSSPTIMAIGAAELAMKDS
GWHPQSEADQVATGVAIGMGMPLEVVSETALNFQTKGYNKVSPFFVPKILVNMAAGQVSIRYKL
KGPNAHVSTACTTGAHAVGDSFRFIAHGDADVMVAGGTDSCISPLSLAGFSRARALSTNSDPKL
ACRPFHPKRDGFVMGEAAVLVLEEYEHAVQRRARYAEVLGYGLSGDAGHITAPDPEGEGALR
CMAAALKDAGVQPEEISYNAHATSTPLGDAAENKAIKHLFKDHAYALAVSSTKGATGHLLGAAGA
VEAAFTTLACYQKLPPTLNLDCEPEFDLNYVPLKAQEWKTEKRFIGLTNSFGFGGTNATLCIAG
L

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

75.2

Interspecies Antigen Sequence

Mouse (84); Rat (85)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — OXSM

Entrez GeneID	54995
GeneBank Accession#	NM_017897.1
Protein Accession#	NP_060367.1
Gene Name	OXSM
Gene Alias	FASN2D, FLJ20604, KS
Gene Description	3-oxoacyl-ACP synthase, mitochondrial
Omim ID	610324
Gene Ontology	Hyperlink
Gene 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
Other Designations	beta-ketoacyl synthase mitochondrial beta-ketoacyl synthase

Pathway

- [Fatty acid biosynthesis](#)

- [Metabolic pathways](#)