

Product datasheet for **SC207384**

MOCS2 (NM_004531) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MOCS2 (NM_004531) Human 3' UTR Clone
Symbol:	MOCS2
Synonyms:	MCBPE; MOCO1; MOCODB; MPTS
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004531
Insert Size:	2000 bp



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Insert Sequence: >SC207384 3'UTR clone of NM_004531
 The sequence shown below is from the reference sequence of NM_004531. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAAGAGTGCTTTTGGGCATCCAACAGTAAATCACTTATGTTTTTATGAGCATGCAATCTTAACTTTGTTA
AACTATTATTATTGATCACATTTTGATTTTTTCTCTCCACATCAGGATAGTTTACTGAAGCACAATCT
CTTATACTAGTGGGACAAAAGGGAGAAAAAGGAAGCAAGATAAATGGGTATGTAGGATGAAGGGTTATT
TAAATGGAACAAAGATAGAAGGAGGACTGTAGGAAGAAATGGAATAATTTAAATGTGAGGAAAGATA
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GTTTGGAACTGAGACTGTTATGCTTTTAAAGTCTCCAACAGAGAGGTTAAGGAGTTAACCTGGGGCATG
CCAGAACTGGGATGGAATGGCCTTGAAGATTTTAGTGCACTTGCCTTACTTAGATAGGATCTTTAC
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCCGCCCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_004531.5](#)

Summary:

Eukaryotic molybdoenzymes use a unique molybdenum cofactor (MoCo) consisting of a pterin, termed molybdopterin, and the catalytically active metal molybdenum. MoCo is synthesized from precursor Z by the heterodimeric enzyme molybdopterin synthase. The large and small subunits of molybdopterin synthase are both encoded from this gene by overlapping open reading frames. The proteins were initially thought to be encoded from a bicistronic transcript. They are now thought to be encoded from monocistronic transcripts. Alternatively spliced transcripts have been found for this locus that encode the large and small subunits. [provided by RefSeq, Jul 2008]

Locus ID:

4338

MW:

76.5