

## **Product datasheet for AR50536PU-S**

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## MOCS2 (1-188, His-tag) Human Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** MOCS2 (1-188, His-tag) human recombinant protein, 20 μg

Species: Human
Expression Host: E. coli

**Expression cDNA Clone** 

or AA Sequence:

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMSSL EISSSCFSLE TKLPLSPPLV EDSAFEPSRK DMDEVEEKSK DVINFTAEKL SVDEVSQLVI SPLCGAISLF VGTTRNNFEG KKVISLEYEA

YLPMAENEVR KICSDIRQKW PVKHIAVFHR LGLVPVSEAS IIIAVSSAHR AASLEAVSYA IDTLKAKVPI

WKKEIYEESS TWKGNKECFW ASNS

Tag:His-tagPredicted MW:25 kDa

Concentration: lot specific

Purity: >90% by SDS - PAGE

Buffer: Presentation State: Pur

Presentation State: Purified

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 50% glycerol, 1 mM

DTT

**Preparation:** Liquid purified protein

**Protein Description:** Recombinant human MOCS2 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:** NP 004522

**Locus ID:** 4338

UniProt ID: <u>096007</u>, <u>A0A024QZS1</u>

**Cytogenetics:** 5q11.2

**Synonyms:** MCBPE; MOCO1; MOCODB; MPTS





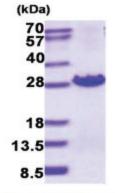
**Summary:** 

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]

**Protein Families:** 

Druggable Genome

## **Product images:**



15% SDS-PAGE (3ug)