

Product datasheet for **AR50536PU-S**

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 EISSCFSLE TKLPLSPPLV EDSAFEPSRK DMDEVEEKSK DVINFTAEL SVDEVSQ LVI SPLCGAISLF VGTRNNFEG KKVISLEYEA YLPMAENEVR KICSDIRQKW PVKHIAVFHR LGLVPVSEAS IIIAVSSAHR AASLEAVSYA IDTLKAKVPI WKKEIYEES TWKGNKECFW ASNS
Tag:	His-tag
Predicted MW:	25 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, 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:	O96007 , A0A024QZS1
Cytogenetics:	5q11.2
Synonyms:	MCBPE; MOCO1; MOCODB; MPTS



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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: