

# Human MOCS2 Recombinant Protein



RPPB3987

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## Product Information    Protein Information

**Product SKU:**

RPPB3987

**Accession:**

O96033

**Host:**

E.coli.

**Protein description:**

MOCS2 Human Recombinant produced in E. coli is a single polypeptide chain containing 224 amino acids (1-188) and having a molecular mass of 25.0 kDa. MOCS2 is fused to a 36 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Molybdenum Cofactor Synthesis 2, Molybdopterin Synthase Sulfur Carrier Subunit, Molybdenum Cofactor Biosynthesis Protein E, MPT Synthase Large Subunit, Molybdopterin Synthase Catalytic Subunit, Molybdenum Cofactor Synthesis Protein 2 Large Subunit, Molybdenum Cofactor Synthesis Protein 2 Small Subunit, Molybdenum Cofactor Synthesis Protein 2A, Molybd enum Cofactor Synthesis Protein 2B, Sulfur Carrier Protein MOCS2A, MCBPE, MOCO1, MOCO1-A, MOCO1-B, MOCS2A, MOCS2B, MPTS, EC 2.8.1.12.

**Formulation:**

The MOCS2 solution (0.25mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 50% glycerol.

**Purity:**

Greater than 90% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMSL EISSCFSLE TKLPLSPPLV EDSAFEPSRK  
DMDEVEEKSK DVINFTEAKL SVDEVSQLVI SPLCGAISLF VGTTRNRFEG KKVISLEYEA YLPMANEVNR  
KICSDIRQKW PVKHIAVFHR LGLVPVSEAS IIIAVSSAHR AASLEAVSYA IDTLKAKVPI WKKEIYEES  
TWKGNKECFW ASNS