

## Molybdenum Cofactor Synthesis 2 Human Recombinant

<b>Item Number</b>	rAP-3863
<b>Synonyms</b>	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, Molybd
<b>Description</b>	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.
<b>Uniprot Accession Number</b>	O96033
<b>Amino Acid Sequence</b>	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMSSL EISSSCFSLE TKLPLSPPLV ED-SAFEPSRK DMDEVEEKSK DVINFTEAKL SVDEVSQLVI SPLCGAISLF VGTRNNFEG KKVISLEYEA YLPMAENEVR KICSDIRQKW PVKHIAVFHR LGLVPVSEAS IIIAVSSAHR AASLEAVSYA IDTLKAKVPI WKKEIYEES TWKGNKECFW ASNS
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. 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.
<b>Formulation and Purity</b>	The MOCS2 solution (0.25mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 50% glycerol. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**