

Recombinant Human MOCS2 protein, GST-tagged

Cat. No. MOCS2-3238H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MOCS2 protein(O96007)(1-188aa), fused to N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-188aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	47.9 kDa
AA Sequence	MSSLEISSSCFSLETKLPLSPPLVEDSAFEPSPRKDMDEVEEKSKDVINFTAELKLSVDE VSQVLVISPLCGAISLFVGTTNNFEGKKVISLEYEAYLPMAENEVRKICSDIRQKWPV KHIAVFHRLGLVPVSEASIIIVSSAHRAASLEAVSYAIDTLKAKVPIWKKEIYEESSTW KGNKECFWASNS
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name [MOCS2 molybdenum cofactor synthesis 2 \[Homo sapiens \]](#)

Official Symbol [MOCS2](#)

Synonyms

MOCS2; molybdenum cofactor synthesis 2; molybdopterin synthase catalytic subunit; MOCO1; MOCO1-A; MOCO1-B; MPT synthase large subunit; sulfur carrier protein MOCS2A; molybdopterin-synthase large subunit; molybdopterin-synthase small subunit; molybdenum cofactor synthesis protein 2A; molybdenum cofactor synthesis protein 2B; molybdenum cofactor biosynthesis protein E; molybdopterin synthase sulfur carrier subunit; molybdenum cofactor synthesis protein 2 large subunit; molybdenum cofactor synthesis protein 2 small subunit; MPTS; MCBPE; MOCS2A; MOCS2B;

Gene ID [4338](#)

mRNA Refseq [NM_004531](#)

Protein Refseq [NP_004522](#)

MIM [603708](#)

UniProt ID [O96007](#)

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