

Recombinant Human MOSC1 Protein, His-tagged

Cat. No. MOSC1-36H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MOSC1 Protein(NP_073583.3)(Arg41~Leu335) is expressed from E. coli with a His Tag at the N-terminal.
Species	Human
Source	E.coli
ProteinLength	Arg41~Leu335
Form	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT,0.01% SKL, 5% Trehalose and Proclin300.
Molecular Mass	37kDa(Analysis of differences refer to the manual)
AA Sequence	RRAWPTRRRRLLQQVGTVAQLWIYPVKSCKGVPVSEAECTAMGLRSGNLRDRFWL VINQEGNMVTARQEPRLLVLSLTCDGDTLTLAAAYTKDLLLPIKTPTTNAVHKCRVHG LEIEGRDCGEATAQWITSFLKSQPYRLVHFEPHMRPRRPHQIADLFRPKDQIAYSdT SPFLILSEASLADLNSRLEKKVKATNFRPNIVISGCCDVYAEDSWDELLIGDVELKRV MACSRCILTTVDPDTGVMSRKEPLETLKSYRQCDPSEKLYGKSPLFGQYFVLENP GTIKVGDPVYLL
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 97%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.)
Notes	The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200g/mL
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	MTARC1
Official Symbol	MTARC1
Synonyms	Molybdenum Cofactor Sulphurase C-Terminal Domain Containing Protein; Mitochondrial amidoxime-reducing component 1
Gene ID	64757

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mRNA Refseq	NM_022746.4
Protein Refseq	NP_073583.3
MIM	614126
UniProt ID	Q5VT66
SDS-PAGE of MOSC1-36H 	