

MOCO Sulphurase C-Terminal Domain Containing Protein 1 Recombinant Protein | MOSC1 recombinant protein

Recombinant MOCO Sulphurase C-Terminal Domain Containing Protein 1 (MOSC1)

CATALOG # AAA144508	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

MOCO Sulphurase C-Terminal Domain Containing Protein 1; Recombinant MOCO Sulphurase C-Terminal Domain Containing Protein 1 (MOSC1); MOSC1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Sequence	RRAWPTRRRR LLQQVGTVAQ LWIYPVKSCK GVPVSEACT AMGLRSGNLR DRFWLVINQE GNMVTARQEP RLVLISLTCD GDTLTLSAAY TKDLLLPKPT PTTNAVHKCR VHGLEIEGRD CGEATAQWIT SFLKSQPYRL VHFEPHMRPR RPHQIADLFR PKDQIAYSDT SPFLILSEAS LADLNSRLEK KVKATNFRPN IVISGCDVYA EDSWDELLIG DVELKRVMAC SRCILTTVDP DTGVMSRKEP LETLKSRYQC DPSEKLYGK SPLFGQYFVL ENPGTIKVG D PVYLL
Applicable Applications for MOSC1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Arg41~Leu335
Tags	N-terminal His Tag
Subcellular Location	Membrane, Mitochondrion
Traits	Freeze-dried powder
Predicted isoelectric point	8.9
Usage	Reconstitute in ddH2O to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: 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 degree 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.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	119613697
NCBI GeneID	64757
Molecular Weight	Predicted Molecular Mass: 37.2kDa Accurate Molecular Mass: 37kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	MOCO sulphurase C-terminal domain containing 1
NCBI Official Synonym Full Names	mitochondrial amidoxime reducing component 1
NCBI Official Symbol	MARC1
NCBI Official Synonym Symbols	MOSC1
NCBI Protein Information	mitochondrial amidoxime-reducing component 1
UniProt Protein Name	Mitochondrial amidoxime-reducing component 1
UniProt Gene Name	MARC1
UniProt Synonym Gene Names	MOSC1; mARC1; MOSC domain-containing protein 1; Moco sulfurase C-terminal domain-containing protein 1
UniProt Entry Name	MARC1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/marc1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/144508>