

Recombinant Human MTARC1 Protein (Arg41-Leu335), N-His tagged

Cat. No. MTARC1-3787H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human MTARC1 (Arg41-Leu335) fused with the N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Arg41-Leu335
Description	Enables molybdenum ion binding activity; molybdopterin cofactor binding activity; and oxidoreductase activity, acting on other nitrogenous compounds as donors. Contributes to nitrite reductase (NO-forming) activity. Involved in cellular detoxification of nitrogen compound; nitrate metabolic process; and nitric oxide biosynthetic process. Located in mitochondrion. Part of nitric-oxide synthase complex.
Form	Lyophilized powder/frozen liquid
Molecular Mass	35.76 kDa
Purity	>90% as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8

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centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

Storage Buffer 0.01M PBS, pH 7.4, 0.02% NLS

Reconstitution Reconstitute in sterile water for a stock solution.

Shipping They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name [MTARC1 mitochondrial amidoxime reducing component 1 \[Homo sapiens \(human\) \]](#)

Official Symbol [MTARC1](#)

Synonyms MTARC1; mitochondrial amidoxime reducing component 1; MARC1; MOSC1; mitochondrial amidoxime-reducing component 1; MOCO sulphurase C-terminal domain containing 1; MOSC domain-containing protein 1, mitochondrial; moco sulfurase C-terminal domain-containing protein 1; molybdenum cofactor sulfurase C-terminal domain-containing protein 1

Gene ID [64757](#)

mRNA Refseq [NM_022746](#)

Protein Refseq [NP_073583](#)

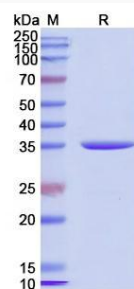
MIM [614126](#)

UniProt ID [Q5VT66](#)

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SDS-PAGE

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