Recombinant Full Length Human MTARC1 Protein, C-Flag-tagged

Cat. No. MTARC1-346HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human MTARC1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	As a component of an N-hydroxylated prodrug-converting complex required to reduce N-hydroxylated prodrugs, such as benzamidoxime. Also able to reduce N(omega)-hydroxy-L-arginine (NOHA) and N(omega)-hydroxy-N(delta)-methyl-L-arginine (NHAM) in to L-arginine and N(delta)-methyl-L-arginine, respectively.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	37.3 kDa
AA Sequence	MGAAGSSALARFVLLAQSRPGWLGVAALGLTAVALGAVAWRRAWPTRRRRLLQQV GTVAQLWIYPVKSCK GVPVSEAECTAMGLRSGNLRDRFWLVINQEGNMVTARQEP RLVLISLTCDGDTLTLSAAYTKDLLLPIKT PTTNAVHKCRVHGLEIEGRDCGEAAAQW ITSFLKSQPYRLVHFEPHKRPRRPHQIADLFRPKDQIAYSDT SPFLILSEASLADLNS RLEKKVKATNFRPNIVISGCDVYAEDSWDELLIGDVELKRVMACSRCILTTVDP DTGVMSRKEPLETLKSYRQCDPSERKLYGKSPLFGQYFVLENPGTIKVGDPVYLLG QTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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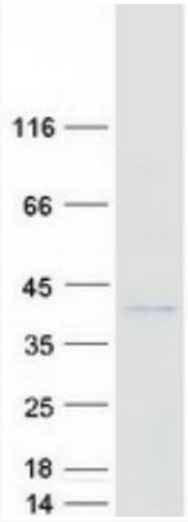
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	MTARC1 mitochondrial amidoxime reducing component 1 [Homo sapiens (human)]
Official Symbol	MTARC1
Synonyms	MARC1; MOSC1
Gene ID	64757
mRNA Refseq	NM_022746.4
Protein Refseq	NP_073583.3
MIM	614126

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UniProt ID	Q5VT66



Coomassie blue staining of purified MARC1 protein.

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