

Product datasheet for TP303674L

MOSC1 (MARC1) (NM_022746) Human Recombinant Protein

Product data:

| | |
|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human MOCO sulphurase C-terminal domain containing 1 (MOSC1), 1 mg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC203674 protein sequence Red =Cloning site Green =Tags(s) |

MGAAGSSALARFVLLAQSRPGWLGVAALGLTAVALGAVAWRRRAWPTRRRRLLQQVGTVAQLWIYPVKSCK
GVPVSEAECTAMGLRSGNLRDRFWLVINQEGNMVTARQEPRLVLISLTCGDGDTLTLAAAYTKDLLPIKT
PTTNAVHKCRVHGLEIEGRDCGEAAAQWITSFLKSQPYRLVHFEPHKRPRRPHQIADLFRPKDQIAYSDT
SPFLILSEASLADLNSRLEKKVKATNFRPNIVISGCDVYAEDSWDELLIGDVELKRVMACSRCILTTVDP
DTGVMSRKEPLETLKSYRQC DPSEKLYGKSPLFGQYFVLENPGTIKVGDPVYLLGQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

| | |
|----------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 37.3 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | NP_073583 |
| Locus ID: | 64757 |



[View online »](#)

| | |
|-------------------|--|
| UniProt ID: | Q5VT66 |
| RefSeq Size: | 2258 |
| Cytogenetics: | 1q41 |
| RefSeq ORF: | 1011 |
| Synonyms: | MARC1; MOSC1 |
| Summary: | 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) into L-arginine and N(delta)-methyl-L-arginine, respectively.[UniProtKB/Swiss-Prot Function] |
| Protein Families: | Transmembrane |

Product images:



Coomassie blue staining of purified MARC1 protein (Cat# [TP303674]). The protein was produced from HEK293T cells transfected with MARC1 cDNA clone (Cat# [RC203674]) using MegaTran 2.0 (Cat# [TT210002]).