

## Product datasheet for **TP303674M**

### **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), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203674 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MGAAGSSALARFVLLAQSRPGWLGVAALGLTAVALGAVAWRRRAWPTRRRRLLQQVGTVAQLWIYPVKSCK  
GVPVSEAECTAMGLRSGNLRDRFWLVINQEGNMVTARQEPRLVLISLTCGDGDTLTLAAAYTKDLLPIKT  
PTTNAVHKCRVHGLEIEGRDCGEAAAQWITSFLKSQPYRLVHFEPHKRPRRPHQIADLFRPKDQIAYSDT  
SPFLILSEASLADLNSRLEKKVKATNFRPNIVISGCDVYAEDSWDELLIGDVELKRVMACSRCILTTVDP  
DTGVMSRKEPLETLKSYRQC DP SERKLYGKSPLFGQYFVLENPGTIKVGDPVYLLGQ

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

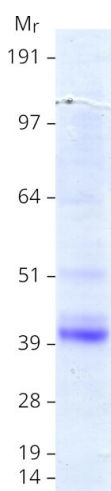
Tag:	C-Myc/DDK
Predicted MW:	37.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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:	<a href="#">NP_073583</a>
Locus ID:	64757



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UniProt ID:	<a href="#">Q5VT66</a>
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]).