

Product datasheet for **TP750205**

Marc1 (NM_001081361) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse MOCO sulphurase C-terminal domain containing 1 (Mosc1), nuclear gene encoding mitochondrial protein, full length, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MHHHHHMGA GSWALTLFGF SAFRVPGQPR STWLGVAALG LAAVALGTVA WRRARPRRRR RLQQVGTVAQ LWIYPIKSCK GLSVSEAECT AMGLRYGHLR DRFWLVINEE GNMVTARQEP RLVLISLTCE DDTLTLAAY TKDLLLPITP PATNPLLQCR VHGLEIQGRD CGEDAAQWVS SFLKMQSCL VHFEPHMRPR SSRQMKASKS FSQNNVAYS DASPFLVLSE ASLEDLNSRL ERRVKATNFR PNIVISGCGV YAEDSWNEVL IGDVELKRVM ACTRCLLTV DPDTGISDRK EPLETLKSYR LCDPSEQALY GKLPIFGQYF ALENPGTIRV GDPVYLLGQ
Tag:	N-His
Predicted MW:	39.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 85% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	PBS, pH 7.4, 1% sarkosyl, 10% glycerol
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 after receiving vials.
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_001074830
Locus ID:	66112
UniProt ID:	Q9CW42
RefSeq Size:	2161
Cytogenetics:	1 H5
RefSeq ORF:	1026

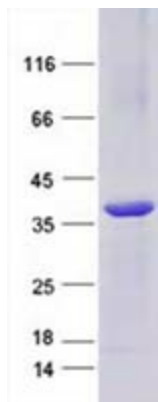


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Synonyms: 1300013F15Rik; Mosc1

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 (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Purified recombinant protein Marc1 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.