

Product datasheet for **TP525050**

Marc1 (NM_001081361) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse mitochondrial amidoxime reducing component 1 (Marc1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR225050 representing NM_001081361 Red=Cloning site Green=Tags(s)

MGAGSWALTLFGFSFRVPGQPRSTWLGVAALGLAAVALGTVAWRRARPRRRRLQQVGTVAQLWIYPIK
SCKGLSVSEAECTAMGLRYGHLRDRFWLVINEEGNMVTARQEPRLVLISLTCEDDTLTLAAYTKDLLLP
ITPPATNPLLQCRVHGLEIQGRDCGEDAAQWVSSFLKMQSCRLVHFEPHMRPSSRQMKASKSFSQNNEV
AYSDASPFLVSEASLEDLNSRLERRVKATNFRPNIVISGCGVYAEDSWNEVLIGDVELKRVMACTRCLL
TTVDPDTGISDRKEPLETLKSYRLCDPSEQALYGKLPFGQYFALENPGTIRVGDVPVYLLGQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	38.6 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
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.
Locus ID:	66112
UniProt ID:	Q9CW42
RefSeq Size:	2161



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Cytogenetics: 1 H5

RefSeq ORF: 1026

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]