

## Product datasheet for TP505031

### Marc2 (NM\_133684) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse mitochondrial amidoxime reducing component 2 (Marc2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205031 representing NM_133684 Red=Cloning site Green=Tags(s)

MGSSSTALARLGLPGQPRSTWLGVAALGLAAVALGTVAWRRTRPRRRRQLQQVGTVSKWVIPIKCKG  
VVCETECTDMGLRCGKVRDRFWMVVKEDGHMVTARQEPRLVLSITLENNYLLEAPGMEQIVLPIKLP  
SSNKIHNCRFLGLDIKGRDCGDEVAQWFTNYLKTQAYRLVQFDTSMKGRRTTKKLYPSESYLQNYEVAYPD  
CSPVHLISEASLVDLNTRLKVKMEYFRPNIVVSGCEAFEEDTWEDELLIGDVEMKRVLSCPRCVLTTVD  
PDTGIIDRKEPLETLKSYRLCDPSVKSIYQSSPLFGMYFSVEKLGSLRVGDPVYRMVD

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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.
RefSeq:	<a href="#">NP_598445</a>
Locus ID:	67247
UniProt ID:	<a href="#">Q922Q1</a>

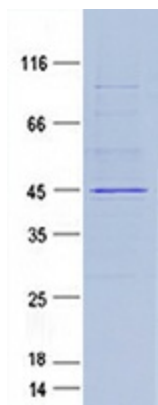


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RefSeq Size: 1883  
Cytogenetics: 1 H5  
RefSeq ORF: 1014  
Synonyms: 2810484M10Rik; mARC1; Mosc2

**Summary:** As a component of the benzamidoxime 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 Marc2 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.