

## Product datasheet for **TP502408**

### Prrx1 (NM\_175686) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse paired related homeobox 1 (Prrx1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202408 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MTSSYGHVLERQPALGGRLDSPGNLDTLQAKKNFSVSHLLDLEEAGDMVAAQADESVEAGRSLLESPGL  
TSGSDTPQQDNDQLNSEEKKKRKQRRNRRTTFNSSLQALERVFERHTYPDAFVREDLARRVNLTEARVQV  
WFQNRRAKFRRNERAMLANKNASLLKSYSGDVTAVEQPIVPRPAPRPTDYLSWGTASPYRSSSLPRCCLH  
EGLHNGF

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	24.4 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_783617</a>
Locus ID:	18933
UniProt ID:	<a href="#">P63013</a>
RefSeq Size:	4983



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<b>Cytogenetics:</b>	1 70.53 cM
<b>RefSeq ORF:</b>	654
<b>Synonyms:</b>	A230024N07Rik; AA755424; AI385634; AI843499; K-2; mHox; Pmx; Pmx1; Prx1
<b>Summary:</b>	Acts as a transcriptional regulator of muscle creatine kinase (MCK) and so has a role in the establishment of diverse mesodermal muscle types. The protein binds to an A/T-rich element in the muscle creatine enhancer.[UniProtKB/Swiss-Prot Function]