# Recombinant Mouse Prrx1 Protein, Myc/DDK-tagged

**Cat. No.** Prrx1-5162M **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Purified recombinant protein of mouse full-length paired related homeobox 1 (Prrx1), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| **Species** | Mouse |
| **Source** | HEK293 |
| **Description** | 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. |
| **Molecular Mass** | 24.4 kDa |
| **Purity** | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| **Stability** | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| **Storage** | Store at -80 centigrade after receiving vials. |
| **Concentration** | >50 μg/mL as determined by microplate BCA method |
| **Storage Buffer** | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol. |

## GENE INFORMATION

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| **Gene Name** | Prrx1 paired related homeobox 1 [ Mus musculus (house mouse) ] |
| **Official Symbol** | Prrx1 |
| **Synonyms** | PRRX1; paired related homeobox 1; paired mesoderm homeobox protein 1; PRX-1; homeobox protein K-2; homeobox protein mHox; paired mesoderm homeobox 1; paired-related homeobox protein 1; K-2; Pmx1; Prx1; mHox; AA755424; AI385634; AI843499; A230024N07Rik |
| **Gene ID** | 18933 |
| **mRNA Refseq** | NM_175686 |
| **Protein Refseq** | NP_783617 |
| **UniProt ID** | P63013 |

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