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## PRRX1 Protein (Myc-DYKDDDDK Tag)



Image



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|--------|-----|------|------------|
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| Quantity:                     | 20 μg   |
|-------------------------------|---|
| Target:                       | PRRX1   |
| Origin:                       | Human   |
| Source:                       | HEK-293 Cells   |
| Protein Type:                 | Recombinant   |
| Purification tag / Conjugate: | This PRRX1 protein is labelled with Myc-DYKDDDDK Tag.   |
| Application:                  | Antibody Production (AbP), Standard (STD)   |
| Product Details               |   |
| Characteristics:              | <ul> <li>Recombinant human PRRX1 (transcript variant pmx-1b) protein expressed in HEK293 cells.</li> <li>Produced with end-sequenced ORF clone</li> </ul>   |
| Purity:                       | > 80 % as determined by SDS-PAGE and Coomassie blue staining  |
| Target Details                |   |
| Target:                       | PRRX1   |
| Alternative Name:             | Prrx1 (PRRX1 Products)  |
| Background:                   | The DNA-associated protein encoded by this gene is a member of the paired family of homeobox proteins localized to the nucleus. The protein functions as a transcription co-activator, enhancing the DNA-binding activity of serum response factor, a protein required for the induction of genes by growth and differentiation factors. The protein regulates muscle creatine kinase, indicating a role in the establishment of diverse mesodermal muscle types. |

### **Target Details**

|                   | Alternative splicing yields two isoforms that differ in abundance and expression patterns. |
|-------------------|--|
| Molecular Weight: | 27.1 kDa   |
| NCBI Accession:   | NP_073207  |

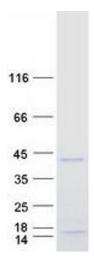
## **Application Details**

| Application Notes: | Recombinant human proteins can be used for:          |
|--------------------|--|
|                    | Native antigens for optimized antibody production    |
|                    | Positive controls in ELISA and other antibody assays |
| Comment:           | The tag is located at the C-terminal.                |
| Restrictions:      | For Research Use only                                |

### Handling

| Concentration:   | 50 μg/mL  |
|------------------|---|
| Buffer:          | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.  |
| Storage:         | -80 °C  |
| Storage Comment: | Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended. |

#### **Images**



#### **Western Blotting**

Image 1. Validation with Western Blot