

## Recombinant Mouse Prrg4 Protein, His-tagged

**Cat. No.** Prrg4-1989M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Prrg4 Protein (Val18-Asp113) with N-His tag was expressed in E. coli.                                                                                                                                                                              |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | Val18-Asp113                                                                                                                                                                                                                                                         |
| <b>Description</b>      | Predicted to enable WW domain binding activity. Predicted to be located in extracellular region and membrane. Predicted to be integral component of membrane. Predicted to be active in plasma membrane. Orthologous to human PRRG4 (proline rich and Gla domain 4). |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                  |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 14.9 kDa<br>Accurate Molecular Mass: 14 kDa                                                                                                                                                                                                |
| <b>Purity</b>           | > 90%                                                                                                                                                                                                                                                                |
| <b>Applications</b>     | Positive Control; Immunogen; SDS-PAGE; WB.                                                                                                                                                                                                                           |
| <b>Stability</b>        | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for                                                                                        |

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

**Storage Buffer**

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

**Reconstitution**

Reconstitute in PBS or others.

## GENE INFORMATION

**Gene Name**

Prrg4 proline rich Gla (G-carboxyglutamic acid) 4 (transmembrane) [ Mus musculus (house mouse) ]

**Official Symbol**

Prrg4

**Synonyms**

Prrg4; proline rich Gla (G-carboxyglutamic acid) 4 (transmembrane); TMG4; 993011118Rik; transmembrane gamma-carboxyglutamic acid protein 4; proline-rich Gla protein 4; proline-rich gamma-carboxyglutamic acid protein 4

**Gene ID**

228413

**mRNA Refseq**

NM\_178695

**Protein Refseq**

NP\_848810

**UniProt ID**

Q8BGN6

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