

## Recombinant Mouse Prr5 Protein, His-tagged

Cat. No. Prr5-1987M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Prr5 Protein (Met1-Thr277) with N-His tag was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Thr277
<b>Description</b>	Predicted to enable GTPase activator activity. Acts upstream of or within positive regulation of phosphatidylinositol 3-kinase signaling and positive regulation of protein phosphorylation. Predicted to be part of TORC2 complex. Orthologous to human PRR5 (proline rich 5).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 34.8 kDa Accurate Molecular Mass: 35 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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**

[Prr5 proline rich 5 \(renal\) \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol**

[Prr5](#)

**Synonyms**

PRR5; proline rich 5 (renal); proline-rich protein 5; protein observed with Rictor-1; C78947; Arhgap8; Protor1; AU043908; Protor-1; C030017C09Rik; MGC32512;

**Gene ID**

[109270](#)

**mRNA Refseq**

[NM\\_146061](#)

**Protein Refseq**

[NP\\_666173](#)

**UniProt ID**

[Q812A5](#)

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