

Recombinant Mouse Prr5 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Prr5 Protein (Met1-Thr277) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Thr277
Description	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).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 34.8 kDa Accurate Molecular Mass: 35 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	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  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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