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
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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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