

Recombinant Mouse Ppp1r3c Protein, His-tagged

Cat. No. Ppp1r3c-1969M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ppp1r3c Protein (Met1-Arg317) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Arg317
Description	Enables protein phosphatase binding activity. Acts upstream of or within glycogen biosynthetic process. Predicted to be located in glycogen granule and intracellular membrane-bounded organelle. Predicted to be part of protein phosphatase type 1 complex. Is expressed in genitourinary system; liver; and nasal capsule. Used to study type 2 diabetes mellitus. Orthologous to human PPP1R3C (protein phosphatase 1 regulatory subunit 3C).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 40.2 kDa Accurate Molecular Mass: 40 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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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 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	Ppp1r3c protein phosphatase 1, regulatory (inhibitor) subunit 3C [Mus musculus (house mouse)]
Official Symbol	Ppp1r3c
Synonyms	PPP1R3C; protein phosphatase 1, regulatory (inhibitor) subunit 3C; protein phosphatase 1 regulatory subunit 3C; PP1 subunit R5; protein targeting to glycogen; protein targeting to glycogen; protein phosphatase 1 binding protein PTG; protein phosphatase 1 regulatory subunit 5; protein phosphatase 1, regulatory (inhibitor) subunit 5; PTG; Ppp1r5;
Gene ID	53412
mRNA Refseq	NM_016854
Protein Refseq	NP_058550

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UniProt ID

Q7TMB3

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