

Recombinant Mouse Ppp1r3d Protein, His-tagged

Cat. No. Ppp1r3d-1970M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ppp1r3d Protein (Met1-Ile279) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Ile279
Description	Predicted to enable glycogen binding activity and protein phosphatase 1 binding activity. Predicted to contribute to phosphoprotein phosphatase activity. Predicted to be involved in regulation of glycogen biosynthetic process and regulation of glycogen catabolic process. Predicted to be located in glycogen granule and intracellular membrane-bounded organelle. Predicted to be part of protein phosphatase type 1 complex. Orthologous to human PPP1R3D (protein phosphatase 1 regulatory subunit 3D).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 34.2 kDa Accurate Molecular Mass: 36 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	Ppp1r3d protein phosphatase 1, regulatory subunit 3D [Mus musculus (house mouse)]
Official Symbol	Ppp1r3d
Synonyms	Ppp1r3d; protein phosphatase 1, regulatory subunit 3D; Gm359; 2610024M03Rik; protein phosphatase 1 regulatory subunit 3D; EC 3.1.3.16
Gene ID	228966
mRNA Refseq	NM_001085501
Protein Refseq	NP_001078970
UniProt ID	A2AJW4