

Recombinant Mouse Ppp3r2 Protein, His-tagged

Cat. No. Ppp3r2-1974M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ppp3r2 Protein (Met1-Val168) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Val168
Description	Predicted to enable calcium-dependent protein serine/threonine phosphatase activity. Predicted to act upstream of or within defense response; glycogen metabolic process; and sperm displacement. Is expressed in brain; heart; lung; male reproductive gland or organ; and renal vasculature. Orthologous to human PPP3R2 (protein phosphatase 3 regulatory subunit B, beta).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 23.1 kDa Accurate Molecular Mass: 23 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

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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

Ppp3r2 protein phosphatase 3, regulatory subunit B, alpha isoform (calcineurin B, type II) [*Mus musculus* (house mouse)]

Official Symbol

Ppp3r2

Synonyms

PPP3R2; protein phosphatase 3, regulatory subunit B, alpha isoform (calcineurin B, type II); calcineurin subunit B type 2; PP2B beta 2; calcineurin B subunit; protein phosphatase 2B regulatory subunit 2; protein phosphatase 3 regulatory subunit B beta isoform; protein phosphatase 3, regulatory subunit B, alpha isoform (calcineurin B, type II); CaNB2;

Gene ID

19059

mRNA Refseq

NM_001004025

Protein Refseq

NP_001004025

UniProt ID

Q63810

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