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

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

	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 phospatase 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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