

Recombinant Human PPP3R1 protein, His & GST-tagged

Cat. No. PPP3R1-1119H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPP3R1 aa. (Gly2~Val170 (Accession # P63098) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Gly2~Val170
Form	Freeze-dried powder
Molecular Mass	46kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 4.6.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

PPP3R1 protein phosphatase 3 regulatory subunit B, alpha [Homo sapiens (human)]

Official Symbol

PPP3R1

Synonyms

PPP3R1; protein phosphatase 3 regulatory subunit B, alpha; CNB; CNB1; CALNB1; calcineurin subunit B type 1; calcineurin B, type I (19kDa); protein phosphatase 2B regulatory subunit 1; protein phosphatase 2B regulatory subunit B alpha; protein phosphatase 3 (formerly 2B), regulatory subunit B (19kD), alpha isoform (calcineurin B, type I); protein phosphatase 3 (formerly 2B), regulatory subunit B, 19kDa, alpha isoform (calcineurin B, type I); protein phosphatase 3 (formerly 2B), regulatory subunit B, alpha isoform

Gene ID

5534

mRNA Refseq

NM_000945.3

Protein Refseq

NP_000936.1

UniProt ID

P63098

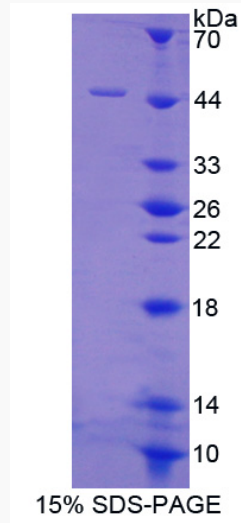
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SDS-PAGE



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