

AR09929PU-N

Human PPP3R2 / CBLP (1-173, His-tag) - Purified

Alternate names:

CBLP, CNBII, Calcineurin B-like protein, Calcineurin BII, Calcineurin subunit B type 2, Protein phosphatase 2B regulatory subunit 2, Protein phosphatase 3 regulatory subunit B beta isoform

Quantity:

50 µg

Concentration:

0.5 mg/ml (determined by Bradford assay)

Background:

PPP3R2 is a calcium-dependent, calmodulin stimulated serine/threonine protein phosphatase. In eukaryotes, the phosphorylation and dephosphorylation of proteins on serine and threonine residues is an essential means of regulating a broad range of cellular functions including division, homeostasis and apoptosis. In general, the protein phosphatase (PP) holoenzyme is a trimeric complex composed of a regulatory subunit, a variable subunit and a catalytic subunit.

Uniprot ID:

[Q96LZ3](#)

NCBI:

[NP_671709](#)

GeneID:

[5535](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >95%

Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 1mM DTT

Description:

Recombinant human PPP3R2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MSTMGNEASY PAEMCSHFDN DEIKRLGRRF KKLDLDKSGS
LSVEEFMSLP ELRHNPLVRR VIDVFDTDGD GEVDFKEFIL GTSQFSVKGD EEQKLRFASF
IYDMDKGGYI SNGELFQVLK MMVGNNLTDW QLQQLVDKTI IILDKDGDK ISFEEFSAVV
RDLEIHKKLIV LIV

Molecular weight: kDa (193aa), confirmed by MALDI-TOF

Storage:

Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

Liu L., et al. (2005) Mol Biol Rep. 32(1):41-5.

Pictures:

Recombinant human PPP3R2, 1-173 aa,
His-tagged

