

Recombinant Human PPP3R2, His-tagged

Cat. No. PPP3R2-29542TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human PPP3R2 (amino acids 1-173) with an N terminal His tag; 193 amino acids with the tag, predicted MWt: 22 kDa.
Species	Human
Source	E.coli
ProteinLength	173 amino acids
Description	Calcineurin subunit B type 2 is a protein that in humans is encoded by the PPP3R2 gene.
Conjugation	HIS
Molecular Weight	22.000kDa inclusive of tags
Tissue specificity	Testis-specific.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 10% Glycerol, 20mM Tris HCl, 1mM DTT, pH 8.0
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid

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repeated freeze / thaw cycles.

Sequences of amino acids

MGSSHHHHHH SSGLVPRGSH MSTMGNEASY PAEMCSHFDN DEIKRLGRRF
 KKLDLDKSGS LSVVEEFMSLP ELRHNPLVRR VIDVFDTDGD GEVDFKEFIL
 GTSQFSVKGD EEQKLRFAFS IYDMDKDGYI SNGELFQVLK MMVGNLTDW
 QLQQLVDKTI IILDKDGDKGK ISFEFSAVV RDLEIHKKLV LIV

Sequence Similarities

Belongs to the calcineurin regulatory subunit family. Contains 4 EF-hand domains.

GENE INFORMATION

Gene Name

PPP3R2 protein phosphatase 3, regulatory subunit B, beta [Homo sapiens]

Official Symbol

PPP3R2

Synonyms

PPP3R2; protein phosphatase 3, regulatory subunit B, beta; protein phosphatase 3 (formerly 2B), regulatory subunit B (19kD), beta isoform (calcineurin B, type II) , protein phosphatase 3 (formerly 2B), regulatory subunit B, 19kDa, beta isoform (calcineur

Gene ID

5535

mRNA Refseq

NM_147180

Protein Refseq

NP_671709

MIM

613821

Uniprot ID

Q96LZ3

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Chromosome Location	9q31
Pathway	Alzheimers disease, organism-specific biosystem; Alzheimers disease, conserved biosystem; Amyotrophic lateral sclerosis (ALS), organism-specific biosystem; Amyotrophic lateral sclerosis (ALS), conserved biosystem; Apoptosis, organism-specific biosystem;
Function	calcium ion binding;

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