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: NoneConstituents: 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 LSVEEFMSLP ELRHNPLVRR VIDVFDTDGD GEVDFKEFIL GTSQFSVKGD EEQKLRFAFS IYDMDKDGYI SNGELFQVLK MMVGNNLTDW QLQQLVDKTI IILDKDGDGK ISFEEFSAVV 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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