Recombinant Human PPP2R2C

Cat. No. PPP2R2C-27932TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human PPP2R2C with an N terminal proprietary tag; Predicted MW 37.73kDa.
Species	Human
Source	Wheat Germ
ProteinLength	110 amino acids
Description	The product of this gene belongs to the phosphatase 2 regulatory subunit B family. Protein phosphatase 2 is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The B regulatory subunit might modulate substrate selectivity and catalytic activity. This gene encodes a gamma isoform of the regulatory subunit B55 subfamily. Alternatively spliced transcript variants encoding different isoforms have been identified.
Molecular Weight	37.730kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MGEDTDTRKINHSFLRDHSYVTEADIISTVEFNHTGELLA TGDKGGRVVIFQREPES KNAPHSQGEYDVYSTFQSHEPEF DYLKSLEIEEKINKIKWLPQQNAAHSLLST
Sequence Similarities	Belongs to the phosphatase 2A regulatory subunit B family.Contains 7 WD repeats.

GENE INFORMATION

Gene Name	PPP2R2C protein phosphatase 2, regulatory subunit B, gamma [Homo sapiens]
Official Symbol	PPP2R2C
Synonyms	PPP2R2C; protein phosphatase 2, regulatory subunit B, gamma; protein phosphatase 2 (formerly 2A), regulatory subunit B (PR 52), gamma isoform , protein phosphatase 2 (formerly 2A), regulatory subunit B, gamma isoform; IMYPNO; MGC33570; PP2A subunit B iso
Gene ID	5522
mRNA Refseq	NM_001206994
Protein Refseq	NP_001193923
MIM	605997
Uniprot ID	Q9Y2T4
Chromosome Location	4p16.1

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Pathway	Chagas disease (American trypanosomiasis), organism-specific biosystem; Chagas disease (American trypanosomiasis), conserved biosystem; Dopaminergic synapse, organism-specific biosystem; Dopaminergic synapse, conserved biosystem; Glycogen Metabolism, organism-specific biosystem;
Function	protein phosphatase type 2A regulator activity;

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