

Recombinant Human PPP2R2C cell lysate

Cat. No. PPP2R2C-1403HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	PPP2R2C protein phosphatase 2, regulatory subunit B, gamma [Homo sapiens]
Official Symbol	PPP2R2C

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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 isoform gamma; PR52; PR55G; PP2A, subunit B, B-gamma isoform; PP2A, subunit B, R2-gamma isoform; PP2A, subunit B, B55-gamma isoform; PP2A, subunit B, PR55-gamma isoform; protein phosphatase 2A1 B gamma subunit; phosphoprotein phosphatase 2A BR gamma regulatory chain; gamma isoform of regulatory subunit B55, protein phosphatase 2; protein phosphatase 2 (formerly 2A), regulatory subunit B (PR 52), gamma isoform; serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B gamma isoform; IMYPNO1; B55-GAMMA;
Gene ID	5522
mRNA Refseq	NM_001206994
Protein Refseq	NP_001193923
MIM	605997
UniProt ID	Q9Y2T4
Chromosome Location	4p16.1
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; Hepatitis C, organism-specific biosystem; Hepatitis C, conserved biosystem;
Function	protein phosphatase type 2A regulator activity;

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