Recombinant Human PPP2R5A cell lysate

Cat. No. PPP2R5A-1404HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Description	The product of this gene belongs to the phosphatase 2A regulatory subunit B family. Protein phosphatase 2A 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 an alpha isoform of the regulatory subunit B56 subfamily.
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	PPP2R5A protein phosphatase 2, regulatory subunit B, alpha [Homo sapiens]
Official Symbol	PPP2R5A
Synonyms	PPP2R5A; protein phosphatase 2, regulatory subunit B, alpha; protein phosphatase

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	2, regulatory subunit B (B56), alpha isoform , protein phosphatase 2, regulatory subunit B, alpha isoform; serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit alpha isoform; B56A; PR61A; PR61alpha; PP2A B subunit isoform B-alpha; PP2A B subunit isoform R5-alpha; PP2A B subunit isoform B56-alpha; PP2A B subunit isoform PR61-alpha; PP2A, B subunit, B alpha isoform; PP2A, B subunit, R5 alpha isoform; PP2A, B subunit, B56 alpha isoform; PP2A, B subunit, PR61 alpha isoform; protein phosphatase 2, regulatory subunit B, alpha isoform; protein phosphatase 2, regulatory subunit B (B56), alpha isoform; serine/threonine protein phosphatase 2A, 56 kDa regulatory subunit, alpha isoform; MGC131915;
Gene ID	5525
mRNA Refseq	NM_001199756
Protein Refseq	NP_001186685
MIM	601643
UniProt ID	Q15172
Chromosome Location	1q32.2-q32.3
Pathway	Adaptive Immune System, organism-specific biosystem; Beta-catenin phosphorylation cascade, organism-specific biosystem; C-MYC pathway, organism-specific biosystem; CTLA4 inhibitory signaling, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Costimulation by the CD28 family, organism-specific biosystem;
Function	kinase binding; protein binding; protein phosphatase type 2A regulator activity;

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