

Recombinant Human PPP2R5E cell lysate

Cat. No. PPP2R5E-1405HCL 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 epsilon 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	PPP2R5E protein phosphatase 2, regulatory subunit B, epsilon isoform [Homo sapiens]
Official Symbol	PPP2R5E

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Synonyms	PPP2R5E; protein phosphatase 2, regulatory subunit B, epsilon isoform; protein phosphatase 2, regulatory subunit B (B56), epsilon isoform; serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit epsilon isoform; PP2A, B subunit, B epsilon; PP2A, B subunit, R5 epsilon; PP2A, B subunit, B56 epsilon; PP2A, B subunit, PR61 epsilon; PP2A B subunit isoform B-epsilon; PP2A B subunit isoform R5-epsilon; PP2A B subunit isoform B56-epsilon; PP2A B subunit isoform PR61-epsilon; epsilon isoform of regulatory subunit B56, protein phosphatase 2A; serine/threonine protein phosphatase 2A, 56 kDa regulatory subunit, epsilon;
Gene ID	5529
mRNA Refseq	NM_006246
Protein Refseq	NP_006237
MIM	601647
UniProt ID	Q16537
Chromosome Location	14q23.2
Pathway	Adaptive Immune System, organism-specific biosystem; Beta-catenin phosphorylation cascade, 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; DNA Replication, organism-specific biosystem;
Function	protein binding; protein phosphatase type 2A regulator activity;