

Human PPP2R5E Knockdown Cell Lysate

Cat. No. PPP2R5E-398HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated PPP2R5E Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	The protein encoded by 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. Multiple transcript variants encoding several different isoforms have been found for this gene.
Form	Cell-Tissue Lysis buffer
Molecular Mass	55 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.

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Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg PPP2R5E KD HeLa cell lysate
Protein Families	Druggable Genome, Phosphatase
Protein Pathways	Oocyte meiosis, Wnt signaling pathway
Lysate QC	RT-qPCR; Western Blotting (WB)
GENE INFORMATION	
Gene Name	PPP2R5E protein phosphatase 2, regulatory subunit B, epsilon isoform [Homo sapiens (human)]
Official Symbol	PPP2R5E
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

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Protein Refseq	NP_006237
MIM	601647
UniProt ID	Q16537

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