

# Human PPP2R5E Knockdown Cell Lysate

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

## SPECIFICATION

<b>Product Overview</b>	WB-validated PPP2R5E Knockdown HeLa Cell Lysate
<b>Species</b>	Human
<b>Source</b>	HeLa
<b>Description</b>	<p>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.</p>
<b>Form</b>	Cell-Tissue Lysis buffer
<b>Molecular Mass</b>	55 kDa
<b>Notes</b>	<p>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.</p>
<b>Storage</b>	Store at -20 centigrade for two years.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Concentration</b>	Lot-specific
<b>Shipping</b>	Blue Ice
<b>Components</b>	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg PPP2R5E KD HeLa cell lysate
<b>Protein Families</b>	Druggable Genome, Phosphatase
<b>Protein Pathways</b>	Oocyte meiosis, Wnt signaling pathway
<b>Lysate QC</b>	RT-qPCR; Western Blotting (WB)

## GENE INFORMATION

<b>Gene Name</b>	PPP2R5E protein phosphatase 2, regulatory subunit B, epsilon isoform [ Homo sapiens (human) ]
<b>Official Symbol</b>	PPP2R5E
<b>Synonyms</b>	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;
<b>Gene ID</b>	5529
<b>mRNA Refseq</b>	NM_006246

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**Protein Refseq** NP\_006237

**MIM** 601647

**UniProt ID** Q16537

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