

Recombinant Mouse Ppp2r5c Protein, Myc/DDK-tagged

Cat. No. Ppp2r5c-5080M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length protein phosphatase 2, regulatory subunit B', gamma (Ppp2r5c), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The B regulatory subunit might modulate substrate selectivity and catalytic activity, and also might direct the localization of the catalytic enzyme to a particular subcellular compartment. The PP2A-PPP2R5C holoenzyme may activate TP53 and play a role in DNA damage-induced inhibition of cell proliferation. PP2A-PPP2R5C may also regulate the ERK signaling pathway through ERK dephosphorylation.
Molecular Mass	52.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Ppp2r5c protein phosphatase 2, regulatory subunit B', gamma [Mus musculus (house mouse)]

Official Symbol Ppp2r5c

Synonyms PPP2R5C; protein phosphatase 2, regulatory subunit B (B56), gamma isoform; serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit gamma isoform; Band 8A; B56/PP2A gamma; PP2A B subunit isoform B-gamma; PP2A B subunit isoform R5-gamma; PP2A B subunit isoform B56-gamma; PP2A B subunit isoform B-alpha-3; PP2A B subunit isoform PR61-gamma; C85228; AI060890; AW545884; mKIAA0044; D12Bwg0916e; 2610043M05Rik; 2700063L20Rik

Gene ID 26931

mRNA Refseq NM_001081458

Protein Refseq NP_001074927

UniProt ID Q60996

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