

Recombinant Human PPP2R5D Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PPP2R5D-2896H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PPP2R5D MS Standard C13 and N15-labeled recombinant protein (NP_006236) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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 a delta isoform of the regulatory subunit B56 subfamily. Alternatively spliced transcript variants encoding different isoforms have been identified.
Molecular Mass	70 kDa
AA Sequence	MPYKLKKEKPPKVAKCTAKPSSSGKDGGGENTEEAQPQPQPQPQQAQSQPPS SNKRPSNSTPPTQLSKIYSGGPQIVKKERRQSSSRFNLSKNRELQKLPALKDSPT QEREELFIQKLQCCVLDFVSDPLSDLKFKEVKRAGLNEMVEYITHSRDVVTEAIYP EAVTMFSVNLFRITLPPSSNPTGAEFDPDEEPTLEAAWPHLQLVYEFFLRFLESPDF QPNIKKYIDQKFVLALLDLFDSSEDPREDFLKTILHRIYGKFLGLRAYIRRQINHIFYR

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FIYETEHNGIAELLEILGSIINGFALPLKEEHKMFLIRVLLPLHKVKSLSVYHPQLAYCV
VQFLEKESSLTEPVIVGLLKFWPKTHSPKEVMFLNELEEILDVIEPSEFSKVMEPLFR
QLAKCVSSPHFQVAERALYYWNNEYIMSLISDNAARVLPIMFPALYRNSKSHWNKTI
HGLIYNALKLFMEMNQKLFDDCTQQYKAQKGRFRMKEREEMWQKIEELARLNP
QYPMFRAPPPLPPVYSMETETPTAEDIQLLKRTVETEAVQMLKDIKKEKVLLRRKSEL
PQDVYTIKALEAHKRAEEFLTASQEALTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name PPP2R5D protein phosphatase 2 regulatory subunit B'delta [Homo sapiens (human)]

Official Symbol PPP2R5D

Synonyms PPP2R5D; protein phosphatase 2, regulatory subunit B, delta; protein phosphatase 2, regulatory subunit B (B56), delta isoform, protein phosphatase 2, regulatory subunit B, delta isoform; serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit delta isoform; B56D; PP2A B subunit isoform B-delta; PP2A B subunit isoform R5-delta; PP2A B subunit isoform B56-delta; PP2A B subunit isoform PR61-delta; PP2A, B subunit, B delta isoform; PP2A, B subunit, R5 delta isoform; PP2A, B subunit, B56

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delta isoform; PP2A, B subunit, PR61 delta isoform; protein phosphatase 2, regulatory subunit B, delta isoform; protein phosphatase 2, regulatory subunit B (B56), delta isoform; Serine/threonine protein phosphatase 2A, 56 kDa regulatory subunit, delta isoform; MGC2134; MGC8949;

Gene ID 5528

mRNA Refseq NM_006245

Protein Refseq NP_006236

MIM 601646

UniProt ID Q14738

SDS-PAGE

