Recombinant Full Length Human PPP2R5D Protein, C-Flag-tagged

Cat. No. PPP2R5D-935HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PPP2R5D Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	69.8 kDa
AA Sequence	MPYKLKKEKEPPKVAKCTAKPSSSGKDGGGENTEEAQPQPQPQPQPQAQSQPPS SNKRPSNSTPPPTQLS KIKYSGGPQIVKKERRQSSSRFNLSKNRELQKLPALKDSPT QEREELFIQKLRQCCVLFDFVSDPLSDLK FKEVKRAGLNEMVEYITHSRDVVTEAIY PEAVTMFSVNLFRTLPPSSNPTGAEFDPEEDEPTLEAAWPHL QLVYEFFLRFLESP

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	DFQPNIAKKYIDQKFVLALLDLFDSEDPRERDFLKTILHRIYGKFLGLRAYIRRQI NHIF YRFIYETEHHNGIAELLEILGSIINGFALPLKEEHKMFLIRVLLPLHKVKSLSVYHPQLAY CVVQF LEKESSLTEPVIVGLLKFWPKTHSPKEVMFLNELEEILDVIEPSEFSKVMEPL FRQLAKCVSSPHFQVAE RALYYWNNEYIMSLISDNAARVLPIMFPALYRNSKSHWN KTIHGLIYNALKLFMEMNQKLFDDCTQQYKA EKQKGRFRMKEREEMWQKIEELARL NPQYPMFRAPPPLPPVYSMETETPTAEDIQLLKRTVETEAVQMLK DIKKEKVLLRRKSELPQDVYTIKALEAHKRAEEFLTASQEALTRTRPLEQKLISEEDLA ANDILDYKDDDDKV
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.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Phosphatase
Protein Pathways	Oocyte meiosis, Wnt signaling pathway
Full Length	Full L.

GENE INFORMATION

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

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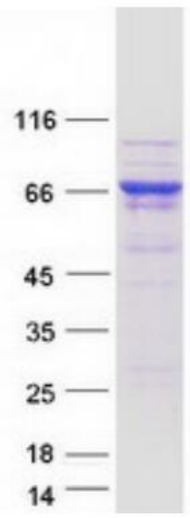
Official Symbol	PPP2R5D
Synonyms	B56D; MRD35; B56delta
Gene ID	5528
mRNA Refseq	NM_006245.4
Protein Refseq	NP_006236.1
MIM	601646
UniProt ID	Q14738



Coomassie blue staining of purified PPP2R5D protein.

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