

Recombinant Full Length Human PPP2R5D, GST tagged

Cat. No. PPP2R5D-27639TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human PPP2R5D with N terminal proprietary tag; predicted MWt 92.33 kDa inclusive of tag. AAH01095
Species	Human
Source	Wheat Germ
ProteinLength	1-602 a.a.
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 Weight	92.330kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MPYKLKKEKEPPKVAKCTAKPSSSGKDGGGENTEEAQPQP QPQPQPQAQSQPPS SNKRPSNSTPPPTQLSKIKYSGGPQI VKKERRQSSSRFNLSKNRELQKLPALKDSPT QEREELFIQ KLRQCCVLDFVSDPLSDLKFKEVKRAGLNEMVEYITHSR DVVTEAIY PEAVTMFSVNLFRTPSSNPTGAEFDPDEE PTLEAAWPHLQLVYEFFLRFLESP DFQPNIKKYIDQKFV LALLDLFDSEDPRERDFLTKILHRIYGKFLGLRAYIRRQI NHIF YRFIYETEHNGIAELLEILGSIINGFALPLKEEHK MFLIRVLLPLHKVKSLSVYHPQLA YCVVQFLEKESSLTEP VIVGLLKFWPKTHSPKEVMFLNELEEILDVIEPSEFSKVM EP LFRQLAKCVSSPHFQVAERALYYWNNEYIMSLISDNAA RVLPIMFALYRNSKSHW NKTIHGLIYNALKLFMEMNQKL FDDCTQQYKAEKQKGRFRMKEREEMWQKIEELAR LNPQYP MFRAPPPLPPVYSMETETPTAEDIQLLKRTVETEAVQMLK DIKKEKVLLRR KSELPQDVYTIKALEAHKRAEEFLTASQE AL

GENE INFORMATION

Gene Name	PPP2R5D protein phosphatase 2, regulatory subunit B, delta [Homo sapiens]
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
Gene ID	5528
mRNA Refseq	NM_006245
Protein Refseq	NP_006236

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MIM	601646
Uniprot ID	Q14738
Chromosome Location	6p21.1
Pathway	Activated TLR4 signalling, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; Alpha-synuclein signaling, organism-specific biosystem; Aurora A signaling, organism-specific biosystem; Aurora B signaling, organism-specific biosystem;
Function	protein binding; protein phosphatase type 2A regulator activity;

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