

Recombinant Full Length Human PPP2R5D Protein

Cat. No. PPP2R5D-397HF **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	In Vitro Cell Free System
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.
Form	Liquid
Molecular Mass	92.330kDa inclusive of tags
AA Sequence	MPYKLKKEKEPPKVAKCTAKPSSSGKDGGGENTEEAQPQP QPQPQPQAQSQPPS SNKRPSNSTPPPTQLSKIKYSGGPQI VKKERRQSSSRFNLSKNRELQKLPALKDSPT QEREELFIQ KLRQCCVLDFVSDPLSDLKFKEVKRAGLNEMVEYITHSR DVVTEAIY

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PEAVTMFSVNLFRITLPPSSNPTGAEFDPDEE PTLEAAWPHLQLVYEFFLRFLESP
 DFQPNIKKYIDQKFV LALLDLFDSEDPRERDFLKTILHRIYKGFLGLRAYIRRQI NHIF
 YRFIYETEHNGIAELLEILGSIINGFALPLKEEHK MFLIRVLLPLHKVKSLSVYHPQLA
 YCVVQFLEKESSLTEP VIVGLLKFWPKTHSPKEVMFLNELEEILDVIEPSEFSKVM EP
 LFRQLAKCVSSPHFQVAERALYYWNNEYIMSLISDNAA RVLPIIMPALYRNSKSHW
 NKTIHGLIYNALKLFMEMNQKL FDDCTQQYKAEKQKGRFRMKEREEMWQKIEELAR
 LNPQYP MFRAPPPLPPVYSMETETPTAEDIQLLKRTVETEAVQMLK DIKKEKVLLRR
 KSELPQDVYTIKALEAHKRAEEFLTASQE AL

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

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
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UniProt ID	Q14738
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