

Recombinant Human PPP2R5D, GST tagged

Cat. No. PPP2R5D-29540TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 514-602 of Human PPP2R5D with N terminal proprietary tag; predicted MWt 35.42 kDa inclusive of tag.
Species	Human
Source	Wheat Germ
ProteinLength	514-602 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	35.420kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	RLNPQYPMFRAPPPLPPVYSMETETPTAEDIQLLKRTVETEAVQMLKDIKKEKVLLR RKSELPQDVYTIKALEAHKRAEEFLTASQEAL
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
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;

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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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