Recombinant Full Length Human PPP2R5A Protein

Cat. No. PPP2R5A-394HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human PPP2R5A with N-terminal proprietary tag. Predicted MW 79.57kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	486 amino acids
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 an alpha isoform of the regulatory subunit B56 subfamily. Alternative transcript variants encoding distinct isoforms have been found for this gene.
Form	Liquid
Molecular Mass	79.570kDa inclusive of tags
AA Sequence	MSSSSPPAGAASAAISASEKVDGFTRKSVRKAQRQKRSQG SSQFRSQGSQAELHP LPQLKDATSNEQQELFCQKLQQCCI LFDFMDSVSDLKSKEIKRATLNELVEYVSTNR GVIVESAY SDIVKMISANIFRTLPPSDNPDFDPEEDEPTLEASWPHIQ LVYEFFLRFL

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	ESPDFRPSIAKRYIDQKFVQQLLELFDSED PRERDFLKTVLHRIYGKFLGLRAFIRKQI NNIFLRFIYET EHFNGVAELLEILGSIINGFALPLKAEHKQFLMKVLIPMH TAKGLALF HAQLAYCVVQFLEKDTTLTEPVIRGLLKFWPK TCSQKEVMFLGEIEEILDVIEPTQFK KIEEPLFKQISKCV SSSHFQVAERALYFWNNEYILSLIEENINKILPIMFASLY KISKEH WNPTIVALVYNVLKTLMEMNGKLFDDLTSSYKAE RQREKKKELEREELWKKLEELK LKKALEKQNSAYNMHSIL SNTSAE
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	PPP2R5A protein phosphatase 2, regulatory subunit B, alpha [Homo sapiens]
Official Symbol	PPP2R5A
Synonyms	PPP2R5A; protein phosphatase 2, regulatory subunit B, alpha; protein phosphatase 2, regulatory subunit B (B56), alpha isoform , protein phosphatase 2, regulatory subunit B, alpha isoform; serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit
Gene ID	5525
mRNA Refseq	NM_001199756
Protein Refseq	NP_001186685

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MIM	601643
UniProt ID	Q15172

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