

Recombinant Full Length Human PPP2R1B Protein

Cat. No. PPP2R1B-414HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human PPP2R1B with N-terminal proprietary tag. Predicted MW 92.18 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	601 amino acids
Description	This gene encodes a constant regulatory subunit of protein phosphatase 2. Protein phosphatase 2 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 constant regulatory subunit A serves as a scaffolding molecule to coordinate the assembly of the catalytic subunit and a variable regulatory B subunit. This gene encodes a beta isoform of the constant regulatory subunit A. Mutations in this gene have been associated with some lung and colon cancers. Alternatively spliced transcript variants have been described.
Form	Liquid
Molecular Mass	92.180kDa inclusive of tags
AA Sequence	MAGASELGTGPGAAGGDGDDSLYPIAVLIDELRNEDVQLR LNSIKKLSTIALALGVER

 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

TRSELLPFLTDTIYDEDEVLLA LAEQLGNFTGLVGGPDFAHCLLPLENLATVEETV
 RDKA VESLRQISQEHTPVALEAYFVPLVKRLASGDWFTSRTSAC GLFSVCYPRASN
 AVKAEIRQQFRSLCSDDTPMVRRAAASK LGEFAKVELDSEIVPLFTSLASDEQ
 DSVRLAVEAC VSIAQLLSQDDLETLMPTLRQAAEDKSWRVRYMVADRFS ELQK
 AMGPKITLNDLIPAFQNLLKDCEAEVRAAAAHKVKE LGENLPIEDRETIIMNQILPYIKE
 LVSDTNQHVKSALASV IMGLSTILGKENTIEHLLPLFLAQLKDECPDVRNLNIISNL DCV
 NEVIGIRQLSQSLLPAIVELAEDAKWRVRLAIIEMP LLAGQLGVEFFDEKLNSLCMA
 WLVDHVYAIREAATNNLMK LVQKFGTEWAQNTIVPKVLVMANDPNYLHRMTTLFCI
 NAL SEACGQEITTKQMLPIVLKMAGDQVANVRFNVAKSLQKIG PILDTNALQGEVKP
 VLQKLGQDEDMDVKYFAQEASVLAL A

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 PPP2R1B protein phosphatase 2, regulatory subunit A, beta [Homo sapiens]

Official Symbol PPP2R1B

Synonyms PPP2R1B; protein phosphatase 2, regulatory subunit A, beta; protein phosphatase 2 (formerly 2A), regulatory subunit A (PR 65), beta isoform , protein phosphatase 2 (formerly 2A), regulatory subunit A, beta isoform; serine/threonine-protein phosphatase 2A

Gene ID 5519

 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

mRNA Refseq	NM_001177562
Protein Refseq	NP_001171033
MIM	603113
UniProt ID	P30154

 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