Recombinant Human PPP2R5B Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PPP2R5B-1004H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PPP2R5B MS Standard C13 and N15-labeled recombinant protein (NP_006235) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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 beta isoform of the regulatory subunit B56 subfamily.
Molecular Mass	57.4 kDa
AA Sequence	METKLPPASTPTSPSSPGLSPVPPPDKVDGFSRRSLRRARPRRSHSSSQFRYQSN QQELTPLPLLKDVPASELHELLSRKLAQCGVMFDFLDCVADLKGKEVKRAALNELVE CVGSTRGVLIEPVYPDIIRMISVNIFRTLPPSENPEFDPEEDEPNLEPSWPHLQLVYEF FLRFLESPDFQPSVAKRYVDQKFVLMLLELFDSEDPREREYLKTILHRVYGKFLGLRA YIRKQCNHIFLRFIYEFEHFNGVAELLEILGSIINGFALPLKTEHKQFLVRVLIPLHSVKS LSVFHAQLAYCVVQFLEKDATLTEHVIRGLLKYWPKTCTQKEVMFLGEMEEILDVIEP

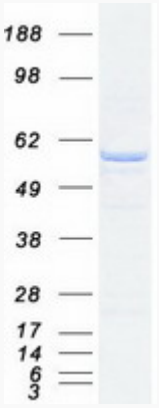
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	SQFVKIQEPLFKQVARCVSSPHFQVAERALYFWNNEYILSLIEDNCHTVLPAVFGTLY QVSKEHWNQTIVSLIYNVLKTFMEMNGKLFDELTASYKLEKQQEQQKAQERQELWQ GLEELRLRRLQGTQGAKEAPLQRLTPQVAASGGQSTRTRPLEQKLISEEDLAANDIL DYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	PPP2R5B protein phosphatase 2 regulatory subunit B'beta [Homo sapiens (human)]
Official Symbol	PPP2R5B
Synonyms	PPP2R5B; protein phosphatase 2, regulatory subunit B, beta; protein phosphatase 2, regulatory subunit B (B56), beta isoform, protein phosphatase 2, regulatory subunit B, beta isoform; serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit beta isoform; B56B; FLJ35411; PP2A; B subunit; B beta isoform; B56 beta isoform; PR61 beta isoform; R5 beta isoform; PR61B; serine/threonine protein phosphatase 2A; 56 kDa regulatory subunit; beta isoform; PP2A B subunit isoform B-beta; PP2A B subunit isoform R5-beta; PP2A B subunit isoform B56-beta; PP2A B subunit isoform PR61-beta; protein phosphatase 2, regulatory subunit B, beta isoform; serine/threonine protein phosphatase 2A, 56 kDa regulatory subunit, beta isoform;

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

Gene ID	5526
mRNA Refseq	NM_006244
Protein Refseq	NP_006235
MIM	601644
UniProt ID	Q15173
SDS-PAGE	

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