

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	METKLPPASTPTSPSSPGLSPVPPDPKVDGFSRRSLRRARPRRSHSSSQFRYQSN QQELTPLLLKDVPASELHELLSRKLAQCGVMFDLDCVADLKGKEVKRAALNELVE CVGSTRGVLIPEVYPDIIRMISVNIFRTLPPSENPEFDPEDEPNLEPSWPHLQLVYEF FLRFLESPDFQPSVAKRYVDQKFVLMLELFDSEDPREREYLKTIHHRVYGKFLGLRA YIRKQCNHIFLRFIYEFHFNGVAELLEILGSIINGFALPLKTEHKQFLVRVLIPLHSVKS LSVFHAQLAYCVVQFLEKDATLTEHVIRGLLKYWPKTCTQKEVMFLGEMEEILDVIEP

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SQFVKIQEPLFKQVARC VSSPHFQVAERALYFWNNEYILSLIEDNCHTVLPVFGTLY
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;

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