

Product datasheet for PH306889

PPP2R5B (NM_006244) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PPP2R5B MS Standard C13 and N15-labeled recombinant protein (NP_006235)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206889
Predicted MW:	57.4 kDa
Protein Sequence:	>RC206889 protein sequence Red=Cloning site Green=Tags(s)

METKLPASTPTSPSSPGLSPVPPDKVDGFSRRSLRRARPRRSHSSSQFRYQSNQQELTPLPLLKDVPA
SELHELLSRKLAQCGVMFDLDCVADLKGKEVKRAALNELVECVGSTRGVLIIEPVYVDIIRMISVNI
LPPSENPEFDPEEDEPNLEPSWPHLQLVYEFFLRFLESPDFQPSVAKRYVDQKFVLMLELFDSE
PRER EYLKTIHRVYGFGLRAYIRKQCNHIFLRFIYEFHFNGVAELLEILGSIINGFALPLKTEHKQFL
VRLIPLHSVKSLSVFHAQLAYCVVQFLEKDATL TEHVIRGLLKYWPKTCTQKEVMFLGEMEEILDV
IEPSQ FVKIQEPLFKQVARCVSSPHFQVAERAL YFWNNEYILSLIEDNCHTVLPVAVFGTL
YQVSKEHWNQTIIVSL IYVNLKTFMEMNGKLFDEL TASYKLEKQEQQAQERQELWQGLEELRLRRL
QGTQGAKEAPLQRLTPQV AASGGQS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_006235</u>
RefSeq Size:	2766
RefSeq ORF:	1491



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Synonyms: B56B; B56beta; PR61B

Locus ID: 5526

UniProt ID: [Q15173](#), [A0A024R593](#)

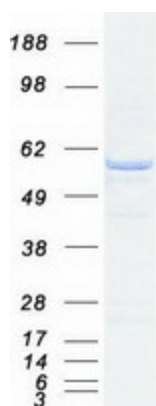
Cytogenetics: 11q13.1

Summary: 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. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Phosphatase

Protein Pathways: Oocyte meiosis, Wnt signaling pathway

Product images:



Coomassie blue staining of purified PPP2R5B protein (Cat# [TP306889]). The protein was produced from HEK293T cells transfected with PPP2R5B cDNA clone (Cat# [RC206889]) using MegaTran 2.0 (Cat# [TT210002]).