

## Product datasheet for TP306889L

#### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

### PPP2R5B (NM\_006244) Human Recombinant Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human protein phosphatase 2, regulatory subunit B', beta isoform

(PPP2R5B), 1 mg

Species: Human Expression Host: HEK293T

**Expression cDNA Clone** >RC206889 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

METKLPPASTPTSPSSPGLSPVPPPDKVDGFSRRSLRRARPRRSHSSSQFRYQSNQQELTPLPLLKDVPA
SELHELLSRKLAQCGVMFDFLDCVADLKGKEVKRAALNELVECVGSTRGVLIEPVYPDIIRMISVNIFRT
LPPSENPEFDPEEDEPNLEPSWPHLQLVYEFFLRFLESPDFQPSVAKRYVDQKFVLMLLELFDSEDPRER
EYLKTILHRVYGKFLGLRAYIRKQCNHIFLRFIYEFEHFNGVAELLEILGSIINGFALPLKTEHKQFLVR
VLIPLHSVKSLSVFHAQLAYCVVQFLEKDATLTEHVIRGLLKYWPKTCTQKEVMFLGEMEEILDVIEPSQ
FVKIQEPLFKQVARCVSSPHFQVAERALYFWNNEYILSLIEDNCHTVLPAVFGTLYQVSKEHWNQTIVSL
IYNVLKTFMEMNGKLFDELTASYKLEKQQEQQKAQERQELWQGLEELRLRRLQGTQGAKEAPLQRLTPQV

**AASGGQS** 

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV** 

Tag: C-Myc/DDK

Predicted MW: 57.2 kDa

Concentration:  $>0.05 \mu g/\mu L$  as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional

chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.





#### PPP2R5B (NM\_006244) Human Recombinant Protein - TP306889L

Stability: Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** NP 006235

**Locus ID:** 5526

UniProt ID: Q15173, A0A024R593

RefSeq Size: 2766

Cytogenetics: 11q13.1

RefSeq ORF: 1491

Synonyms: B56B; B56beta; PR61B

**Summary:** The product of this gene belongs to the phosphatase 2A regulatory subunit B family. Protein

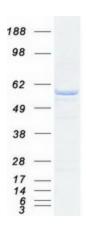
phosphatase 2A is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory 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]).