

## Product datasheet for **TP507982**

### PPP2R5B (NM\_198168) Mouse Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Purified recombinant protein of Mouse protein phosphatase 2, regulatory subunit B', beta (PPP2R5B), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

**Species:** Mouse

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >MR207982 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

METKLPASTPTSPSSPGLSPVPPDPKVDGFSRRSLRRARPRRSHSSSQFRYQSNQQELTPLPLLKDVPA  
SELHELLSRKLAQCGVMFDLDCVADLKGKEVKRAALNELVECVGCTRGVLIEPVYVDIIRMISVNIFRT  
LPPSENPEFDPEEDEPNLEPSWPHLQLVYEFFLRFLESPDFQPSVAKRYVDQKFLVLMLELFDSEDP  
EYKLTILHRVYGKFLGLRAYIRKQCNHIFLRFIYELEHFNQVAELLEILGSIINGFALPLKTEHKQFLVR  
VLIPLHSVKLSVVFHAQLAYCVVQFLEKDATLTEHVIRGLLYWPKTCTQKEVMFLGEMEEILDVIEPSQ  
FVKIQEPLFKQVARCVSSPHFQVAERALYFNNNEYLILIEDNCHTVLPAVFGTLYQVSKEHWNQTIVSL  
IYNVLKTFMEMNGKLFDELTAASYKLEKQQEQQKAQERQELWRGLEELRLRRLQGTQGAKEAPVPRPTPQV  
AASGGQS

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-MYC/DDK

**Predicted MW:** 57.3 kDa

**Concentration:** >0.05 µg/µL 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

**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 after receiving vials.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**Locus ID:** 225849



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UniProt ID: [Q6PD28](#)

RefSeq Size: 2708

Cytogenetics: 19 A

RefSeq ORF: 1494

Synonyms: B'beta; BC026670

**Summary:** As the regulatory component of the serine/threonine-protein phosphatase 2A (PP2A) holoenzyme, modulates substrate specificity, subcellular localization, and responsiveness to phosphorylation. The phosphorylated form mediates the interaction between PP2A and AKT1, leading to AKT1 dephosphorylation.[UniProtKB/Swiss-Prot Function]