

## Product datasheet for TP507212

### Ppp2r5c (NM\_001081458) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse protein phosphatase 2, regulatory subunit B', gamma (Ppp2r5c), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207212 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MLTCNKAGSGMVVDAASSNGPFQPVALLHIRDVPPADQEKLFIQKLRQCCVLFDFVSDPLSDLKWKEVKR  
AALSEMVEYITHNRNVITEPIYPEAVHMFVAVNMFRSLPSSNPTGAEFDPEEDEPTLEAAWPHLQLVYEF  
FLRFLESPDFQPNIAKKYIDQKFVLQLELFDSEDPREDFLKTTLHRIYKGLGLRAYIRKQINNIFYR  
FIYETEHHNGIAELLEILGSIINGFALPLKEEHKIFLLKVVLLPHKVKLSLVYHPQLAYCVWFLEKDST  
LTPVVMALLKYWPKTHSPKEVMFLNELEEILDVIEPSEFVKIMEPLFRQLAKCVSSPHFQVAERALYYW  
NNEYIMSLISDAAKILPIMFPSLYRNSKTHWNKTIHGLIYNALKLFMEMNQKLFDDCTQQFKAELKEK  
LKMKEREEAWVKIENLAKANPQVLKRVTR

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	52.8 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.
RefSeq:	<a href="#">NP_001074927</a>
Locus ID:	26931



[View online »](#)

UniProt ID:	<a href="#">Q60996</a>
RefSeq Size:	2383
Cytogenetics:	12 60.56 cM
RefSeq ORF:	1359
Synonyms:	2610043M05Rik; 2700063L20Rik; AI060890; AW545884; C85228; D12Bwg0916e; mKIAA0044
Summary:	The B regulatory subunit might modulate substrate selectivity and catalytic activity, and also might direct the localization of the catalytic enzyme to a particular subcellular compartment. The PP2A-PPP2R5C holoenzyme may activate TP53 and play a role in DNA damage-induced inhibition of cell proliferation. PP2A-PPP2R5C may also regulate the ERK signaling pathway through ERK dephosphorylation (By similarity).[UniProtKB/Swiss-Prot Function]