

Product datasheet for TP518366

PPP2R1A (NM_016891) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse protein phosphatase 2, regulatory subunit A, alpha (PPP2R1A), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR218366 protein sequence Red =Cloning site Green =Tags(s)

MAAADGDDSLYPIAVLIDELRNEDVQLRLNSIKKLTIALALGVERTRESELLPFLTDTIYDEDEVLLALA
EQLGTFITLVGGPEYVHCLLPPELSLATVEETVVRDKAVESLRAISHEHSPDLEAHFVPLVKRLAGGDW
FTSRTSACGLFSVCYPRVSSAVKAELRQYFRNLCSDDTPMVRRAAASKLGEFAKVLLEDNVKSEIIPMFS
NLASDEQDSVRLLAVEACVNIAQLLPQEDLEALVMPTLRQAAEDKSWRVRYMVAADKFTELQKAVGPEITK
TDLVPAFQNLMKDCEAEVRAAASHKVKEFCENLSADCRENVIMTQILPCIKELVSDANQHVKSALASVIM
GLSPILGKDNTIEHLLPLFLAQLKDECPEVRLNIISNLDCVNEVIGIRQLSQSLLPAIVELAEDAKWRVR
LAIIEYMPLLAGQLGVEFFDEKLNLSLMAWLVDHVYAIRAATSNLKLVKVEFGKEWAHATIIPKVLAMS
GDPNYLHRMTTLFCINVLSEVCGQDITTKHMLPTVLRMAGDPVANVRFNVAKSLQKIGPILDNSTLQSEV
KPILEKLTQDQDQDVVYFAQEALTVLSLA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	65.3 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.



[View online »](#)

RefSeq: [NP_058587](#)

Locus ID: 51792

UniProt ID: [Q76MZ3](#)

RefSeq Size: 2256

Cytogenetics: 17 A3.2

RefSeq ORF: 1770

Synonyms: 6330556D22Rik; PP2A; PR65

Summary: The PR65 subunit of protein phosphatase 2A serves as a scaffolding molecule to coordinate the assembly of the catalytic subunit and a variable regulatory B subunit (PubMed:10100624). Upon interaction with GNA12 promotes dephosphorylation of microtubule associated protein TAU/MAPT (By similarity). Required for proper chromosome segregation and for centromeric localization of SGO1 in mitosis (By similarity).[UniProtKB/Swiss-Prot Function]