

Product datasheet for **TP504384**

PPP2CA (NM_019411) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse protein phosphatase 2 (formerly 2A), catalytic subunit, alpha isoform (Ppp2ca), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204384 representing NM_019411 Red =Cloning site Green =Tags(s)

MDEKLFKELDQWIEQLNECKQLSESQVKSLCEKAKEILTKESNVQEVRCPVTVCGDVHGGQFHDLMELFR
IGGKSPDTNYLFMGDYVDRGYYSVETVLLVALKVRYRERITILRGNHESRQITQVYGFYDECLRKYGNA
NWKYFTDLFDYLPLTALVDGQIFCLHGGLSPSIDTLDHIALDRLQVEPHEGPMCDLLWSDPDDRGGWG
ISPRGAGYTFGQDISETFNHANGLTLVSRAHQLVMEGYNWCHDRNVVIFAPNYCYRCGNQAAIMELDD
TLKYSFLQFDPAPRRGEPHVTRRTPDYFL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	36.1 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:	NP_062284
Locus ID:	19052
UniProt ID:	P63330



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RefSeq Size: 1930

Cytogenetics: 11 B1.3

RefSeq ORF: 927

Synonyms: PP2A; R75353

Summary: PP2A is the major phosphatase for microtubule-associated proteins (MAPs). PP2A can modulate the activity of phosphorylase B kinase casein kinase 2, mitogen-stimulated S6 kinase, and MAP-2 kinase. Cooperates with SGO2 to protect centromeric cohesin from separase-mediated cleavage in oocytes specifically during meiosis I. Activates RAF1 by dephosphorylating it at 'Ser-259' (By similarity).[UniProtKB/Swiss-Prot Function]