

Product datasheet for TP510815

Ppp4r3a (NM_211355) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse protein phosphatase 4 regulatory subunit 3A (Ppp4r3a), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210815 protein sequence Red =Cloning site Green =Tags(s)

MTDTRRRVKVYTLNEDRQWDDRGTGHVSSGYVERLKGMSLLVRAESDGSLLLESKINPNTAYQKQDQTLI
VWSEAENYDLALSFQEKAGCDEIWEKICQVQKDPDSDITQDLVDESEERFDDMSSPGLLELPSCELSRL
EEIAELVASSPLRREKLALALENEGIIKLELHFVCELENIEGLHHLHYEIIKGIFFLNRTALFEV
MFSEECIMDVIGCLEYDPTLSQPRKHREFLTAKTAKFEVIPISDPPELKQKIHQTYRVQYIQDMVLPTPSV
FEENMLSTLHSFIFNKVEIVGMLQEDEKFLDQLFAQLTDEATDEEKRQELVNFLEKFCAFSQTLPQNR
DAFFKTLNMGILPALEVILGMDDTQVRSAAATDIFSYLVEYNPSMVREFVMQEAQQNDDILLINLIIEH
MICDTPPELGGAVQLMGLLRTLVDPENMLATANKTEKTEFLGFFYKHCMHVLTAPLLANTTEDKPSKDDF
QTAQLLALVLELLTFCVEHHTYHIKNIYIINKDILRRVLVLMASKHAFLALCALRFKRKIIGLKDEFYNRY
IMKSFLFEPVVKAFLNNGSRYNLMNSAIIEMFEFIRVEDIKSLTAHVIENYWKALEDVDYVQTFKGLKLR
FEQQRERQDNPKLDSMRSILRNHRYRRDARTLEDEEEMWFNTDEDDMEDGEAVVSPDKTKNDDDIMDPI
SKFMERKKLKESEEKEVLLKTNLSGRQSPSFKLSLSSGKTNLTSQSSATSLPGSPGSPGSPGSPGSPGS
VPKSTSQTAAITTKGGLVGLVDYPDDDEDDDEDEDKEDTLPVSKKAKFES

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	93.8 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.



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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_997594
Locus ID:	68734
UniProt ID:	Q6P2K6
RefSeq Size:	4555
Cytogenetics:	12 E
RefSeq ORF:	2463
Synonyms:	1110034C04Rik; BC064465; mKIAA2010; Smek1
Summary:	Regulatory subunit of serine/threonine-protein phosphatase 4. May regulate the activity of PPP4C at centrosomal microtubule organizing centers. The PPP4C-PPP4R2-PPP4R3A PP4 complex specifically dephosphorylates H2AFX phosphorylated on 'Ser-140' (gamma-H2AFX) generated during DNA replication and required for DNA DSB repair (By similarity). [UniProtKB/Swiss-Prot Function]