

Product datasheet for TP309255

PP4R1 (PPP4R1) (NM_005134) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human protein phosphatase 4, regulatory subunit 1 (PPP4R1), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209255 protein sequence Red=Cloning site Green=Tags(s)

MADLSLLQEDLQEDADGSLDFVSQDEMLTPLGRDKYAASENIFNRQMVARSLDLTREVCDDEDCIAV
LERISRLADDSEPTVRAELMEQVPHIALFCQENRPSIPYAFSKFLLPIVVRYLADQNNQVRKTSQAALLA
LLEQELIERFDVETKVCPLIELTAPDSNDDVKTEAVAIMCKMAPMVGKDITERLILPRFCMCCDCRMF
HVRKVCANFGDICSVWGQQATEEMLLPRFFQLCSDNVWGVKAKAECFMAVSCATCQEIRRTKLSALFI
NLISDPSRWVRQAAFQSLGPFISTFANPSSSGQYFKEESKSSEEMSVENKNRTRDQEAPDVQVRPEDTP
SDLSVSNSSVILENTMEDHAAEASGKPLGEISVPLDSSLLCTLSSESHQEAASNENDKKPGNYKSMRPE
VGTTSQDSALLDQELYNSFHFWRTPLPEIDLIDIELEQNSGGKPSPEGPEEESEGPVSSPNITMATRKL
EEMIENLEPHIDDPDKAQVEVLSAALRASSLDAHEETISIEKRSDLQDELINELPNCKINQEDSVPLI
SDAVENMDSTLHYIHSDSLNNSSFSFDEERRTKVQDVVPQALLDQYLSMTDPSRAQTVDEIAKHCA
SLPGVALTLGRQNWHLCLRETYETLASDMQWKVRRRLAFSIHELAVILGDQLTAADLVPIFNGFLKDLDE
RIGVLKHLHDFLKLHIDKRRELYQLQEFLVTDNSRNWRFRALAEQLILLELYSPRDVYDYLRIAL
NLCADKVSSVRWISYKLVSEMVKLHAATPPTFGVDLINELVENFGRCPKWSGRQAFVFCQTVIEDDCL
PMDQFAVHLMPHLLTLANDRVPNVRVLLAKTLRQTLLEKDYFLASASCHQEAVEQTIMALQMDRDSVKY
FASIH PASTKISEDAMSTASSTY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

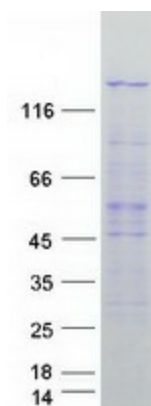
Tag:	C-Myc/DDK
Predicted MW:	105 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



[View online »](#)

Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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_005125
Locus ID:	9989
UniProt ID:	Q8TF05
RefSeq Size:	3929
Cytogenetics:	18p11.22
RefSeq ORF:	2799
Synonyms:	MEG1; PP4(Rmeg); PP4R1
Summary:	This gene encodes one of several alternate regulatory subunits of serine/threonine protein phosphatase 4 (PP4). The protein features multiple HEAT repeats. This protein forms a complex with PP4RC. This complex may have a distinct role from other PP4 complexes, including regulation of HDAC3 (Zhang et al., PMID: 15805470). There is also a transcribed pseudogene on chromosome 20. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2012]
Protein Families:	Druggable Genome, Phosphatase

Product images:



Coomassie blue staining of purified PPP4R1 protein (Cat# TP309255). The protein was produced from HEK293T cells transfected with PPP4R1 cDNA clone (Cat# [RC209255]) using MegaTran 2.0 (Cat# [TT210002]).