

## Product datasheet for **TP309255L**

### 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, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209255 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MADLSLLQEDLQEDADGSLDFVSQDEMLTPLGRDKYAASENIFNRQMVARSLDLTREVCDDEDCIAV  
LERISRLADDSEPTVRAELMEQVPHIALFCQENRPSIPYAFSKFLLPIVVRYLADQNNQVRKTSQAALLA  
LLEQELIERFDVETKVCPLIELTAPDSNDDVKTEAVAIMCKMAPMVGKDITERLILPRFCMCCDCRMF  
HVRKVCAANFGDICSVWGQQATEEMLLPRFFQLCSDNVWGVKAKAECFMAVSCATCQEIRRTKLSALFI  
NLISDPSRWVRQAAFQSLGPFISTFANPSSSGQYFKEESKSSEEMSVENKNRTRDQEAPEDVQVRPEDTP  
SDLSVSNSSVILENTMEDHAAEASGKPLGEISVPLDSSLLCTLSSESHQEAASNENDKKPGNYKSMRPE  
VGTTSQDSALLDQELYNSFHFWRTPLPEIDLIDIELEQNSGGKPSPEGPEEESEGPVSSPNITMATRKL  
EEMIENLEPHIDDPDKAQVEVLSAALRASSLDAHEETISIEKRSDLQDELINELPNCKINQEDSVPLI  
SDAVENMDSTLHYIHSDDLNNSSFSFDEERRTKVQDVVPQALLDQYLSMTDPSRAQTVDEIAKHCAV  
SLPGVALTLGRQNWHLCLRETYETLASDMQWKVRRRLAFSIHELAVILGDQLTAADLVPIFNGLKDLDEV  
RIGVLKHLHDFLKLHIDKRRELYQLQEFVTDNSRNWRFRALAEQLLILLELYSPRDVYDYLRIAL  
NLCADKVSSVRWISYKLVSEMVKLHAATPPTFGVDLINELVENFGRCPKWVSGRQAFVFCQTVIEDDCL  
PMDQFAVHLMPHLLTLANDRVNVRVLLAKTLRQTLLEKDYFLASASCHQEAVEQTIMALQMDRDSVKY  
FASIH PASTKISEDAMSTASSTY

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

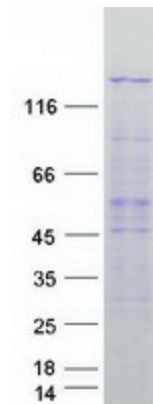
Tag:	C-Myc/DDK
Predicted MW:	105 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_005125</a>
<b>Locus ID:</b>	9989
<b>UniProt ID:</b>	<a href="#">Q8TF05</a>
<b>RefSeq Size:</b>	3929
<b>Cytogenetics:</b>	18p11.22
<b>RefSeq ORF:</b>	2799
<b>Synonyms:</b>	MEG1; PP4(Rmeg); PP4R1
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).