

## Product datasheet for **TP301497L**

### PPP2R3C (NM\_017917) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human protein phosphatase 2 (formerly 2A), regulatory subunit B", gamma (PPP2R3C), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201497 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MDWKEVLRRLATPNTCPNKKKSEQELKDEEMDLFTKYSEWKGGKNTNEFYKTIPRFYRLPAEDEVL  
LQKLREESRAVFLQRKSRELLDNEELQNLWFLLDKHQTPPMIGEEAMINYENFLKVGEKAGACKQFFTA  
KVFAKLLHTDSYGRISIMQFFNYVMRKVWLHQTRIGLSLYDVAGQGYYLRESLENYILELIPTLPQLDGL  
EKSFYSFYVCTAVRKFFFLDPLRTGKIKIQDILACSFLLDLELRDEELSKESQETNWFSAALRVYV  
QYLNLDKDHNGMLSKEELSRGTATMTNVFLDRVFQECLTYDGEMDYKTYLDFVLALENRKEPAALQYIF  
KLLDIENKGYLNVFSLNYFFRAIQELMKIHGQDPVSFQDVKDEIFDMVKPKDPLKISLQDLINSNQGDTV  
TTILIDLNGFWTYENREALVANDSENSADLDDT

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	53.1 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
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.



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RefSeq: [NP\\_060387](#)

Locus ID: 55012

UniProt ID: [Q969Q6](#)

RefSeq Size: 1843

Cytogenetics: 14q13.2

RefSeq ORF: 1359

Synonyms: C14orf10; G4-1; G5pr; GDRM; SPGF36

**Summary:** This gene encodes a regulatory subunit of the serine/threonine phosphatase, protein phosphatase 2. This protein is localized to both nuclear and cytoplasmic regions depending on cell cycle phase. Homozygous conditional knockout mice for this gene exhibit reduced numbers and impaired proliferation of immune system B cells. This protein may regulate the expression of the P-glycoprotein ATP-binding cassette transporter through its phosphatase activity. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2015]

### Product images:



Coomassie blue staining of purified PPP2R3C protein (Cat# [TP301497]). The protein was produced from HEK293T cells transfected with PPP2R3C cDNA clone (Cat# [RC201497]) using MegaTran 2.0 (Cat# [TT210002]).