

## Product datasheet for PH301497

### PPP2R3C (NM\_017917) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	PPP2R3C MS Standard C13 and N15-labeled recombinant protein (NP_060387)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201497
Predicted MW:	53.3 kDa
Protein Sequence:	>RC201497 protein sequence Red=Cloning site Green=Tags(s)

MDWKEVLRRLATPNTCPNKKKSEQLKDEEMDLFTKYSEWKGGRKNTNEFYKTIPRFYYRLPAEDEVL  
LQKLREESRAVFLQRKSRELLDNEELQNLWFLLDKHQTPPMIGEEAMINYENFLKVGKAGAKCKQFFTA  
KVFAKLLHTDSYGRISIMQFFNYMRKVWLHQTRIGLSLYDVAGQGYLRESDLNILELIPQLDGL  
EKSFYSFYVCTAVRKFFFLDPLRTGKIKIQDILACSFLLDLELRDEELSKESQETNWFSAAPSALRVYG  
QYLNLDKDHNGMLSKEELSRYGATMTNVFLDRVFQECLTYDGEMDYKTYLDFVLALENRKEPAALQYIF  
KLLDNIENKGYLNVFSLNYFFRAIQELMKIHGQDPVFSQDVKDEIFDMVKPKDPLKISLQDLINSNQGDTV  
TTILIDLNGFWTYENREALVANDSENSADLDDT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_060387</a>
RefSeq Size:	1843
RefSeq ORF:	1359
Synonyms:	C14orf10; G4-1; G5pr; GDRM; SPGF36



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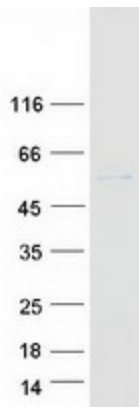
Locus ID: 55012

UniProt ID: [Q969Q6](#)

Cytogenetics: 14q13.2

**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]).