

Product datasheet for **TP314000L**

PPP2R5C (NM_002719) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens protein phosphatase 2, regulatory subunit B', gamma isoform (PPP2R5C), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214000 representing NM_002719 Red=Cloning site Green=Tags(s)

MLTCNKAGSRMVDAANSNGPFQPVLLHIRDVPPADQEKLFIQKLRQCCVLFDFVSDPLSDLKWKEVKR
AALSEMVEYITHNRNVITEPIYPEVVMFAVNMFRSLPPSSNPTGAEFDPEEDEPTLEAAWPHLQLVYEF
FLRFLESPDFQPNIAKKYIDQKFLVQLLELFDSEDPREDFLKTTLHRIYKGLGLRAYIRKQINNIFYR
FIYETEHHNGIAELLEILGSIINGFALPLKEEHKIFLLKVLPLHKVKSLSVYHPQLAYCVVQFLEKDST
LTEPVVMALLKYWPKTHSPKEVMFLNELEEILDVIEPSEFVKIMEPLFRQLAKCVSSPHFQVAERALYYW
NNEYIMSLISDNAAKILPIMFPSLYRNSKTHWNKTIHGLIYNALKLFMEMNQKLFDDCTQQFKAELKEK
LKMKEREEAWVKIENLAKANPQYTVYSQASTMSIPVAMETDGPLFEDVQMLRKTVKDEAHQAQKDPKKDR
PLARRKSELQPDPHTKKALEAHCRADELASQDGR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

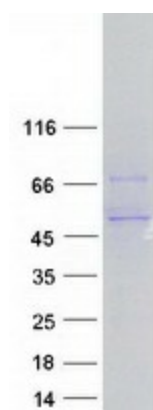
Tag:	C-Myc/DDK
Predicted MW:	60.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



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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_002710
Locus ID:	5527
UniProt ID:	Q13362
RefSeq Size:	4167
Cytogenetics:	14q32.31
RefSeq ORF:	1572
Synonyms:	B56G; B56gamma; PR61G
Summary:	The product of this gene belongs to the phosphatase 2A regulatory subunit B family. Protein phosphatase 2A is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The B regulatory subunit might modulate substrate selectivity and catalytic activity. This gene encodes a gamma isoform of the regulatory subunit B56 subfamily. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome, Phosphatase
Protein Pathways:	Oocyte meiosis, Wnt signaling pathway

Product images:



Coomassie blue staining of purified PPP2R5C protein (Cat# [TP314000]). The protein was produced from HEK293T cells transfected with PPP2R5C cDNA clone (Cat# [RC214000]) using MegaTran 2.0 (Cat# [TT210002]).