

Product datasheet for PH314000

PPP2R5C (NM_002719) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PPP2R5C MS Standard C13 and N15-labeled recombinant protein (NP_002710)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC214000
Predicted MW:	60.9 kDa
Protein Sequence:	>RC214000 representing NM_002719 Red=Cloning site Green=Tags(s)

MLTCNKAGSRMVDAANSNGPFQPVVLLHIRDVPADQEKLFIQKLRQCCVLFDFVSDPLSDLKWKEVKR
AALSEMVEYITHNRNVITEPIYPEVVHMFVNMFRLLPPSSNPTGAEFDPEEDEPTLEAAWPHLQLVYEF
FLRFLESPDFQPNI AKKYIDQKFLVQLLELFDSEDPREDFLKTTLHRIYKFLGLRAYIRKQINNIFYR
FIYETEHHNGIAELLEILGSIINGFALPLKEEHKIFLLKVLPLHKVKSLSVYHPQLAYCVVQFLEK DST
LTEPVVMALLKYWPKTHSPKEVMFLNELEEILDVIEPSEFVKIMEPLFRQLAKCVSSPHFQAERALYYW
NNEYIMSLISDNAAKILPIMFPSLYRNSKTHWNKTIHGLIYNALKLFMEMNQKLFDDCTQQFKAEKLEK
LKMKEEEAWVKIENLAKANPQYTVYSQASTMSIPVAMETDGPLFEDVQMLRKTVKDEAHQAQKDPKKDR
PLARRKSELQPHTKKALEAHCRADELASQDGR

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	<u>NP_002710</u>
RefSeq Size:	4167
RefSeq ORF:	1572



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Synonyms: B56G; B56gamma; PR61G

Locus ID: 5527

UniProt ID: [Q13362](#)

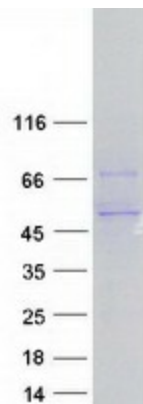
Cytogenetics: 14q32.31

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]).