

Recombinant Human PPP1CC Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PPP1CC-3004H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PPP1CC MS Standard C13 and N15-labeled recombinant protein (NP_002701) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene belongs to the protein phosphatase family, PP1 subfamily. PP1 is an ubiquitous serine/threonine phosphatase that regulates many cellular processes, including cell division. It is expressed in mammalian cells as three closely related isoforms, alpha, beta/delta and gamma, which have distinct localization patterns. This gene encodes the gamma isozyme. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	37 kDa
AA Sequence	MADLDKLNIDSIIQRLLEVRGSKPGKNVQLQENEIRGLCLKSREIFLSQPILLELEAPLK ICGDIHGQYYDLLRLFYGGFPPESNYFLG DYVDRGKQSLETICLLLAYKIKYPENFF LLRGNHECASINRIYGFYDECKRRYNIKLWKTFTDCFNCLPIAAIVDEKIFCCHGGLSP DLQSMEQIRRMPTDVPDQGLLCDLLWSDPKDVLGWGENDRGVSFTFGAEVVA KFLHKHDLDLICRAHQVVEDGYEFFAKRQLVTLFSAPNYCGEFDNAGAMMSVDETL MCSFQILKPAEKKKPNATRPVTPPRGMITKQAKKTRTRPLEQKLISEEDLAANDILDY KDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

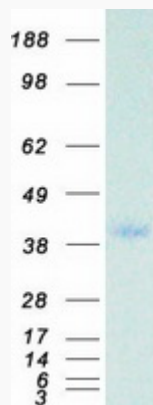
GENE INFORMATION

Gene Name	PPP1CC protein phosphatase 1 catalytic subunit gamma [Homo sapiens (human)]
Official Symbol	PPP1CC
Synonyms	PPP1CC; protein phosphatase 1, catalytic subunit, gamma isozyme; protein phosphatase 1, catalytic subunit, gamma isoform; serine/threonine-protein phosphatase PP1-gamma catalytic subunit; PP1gamma; serine/threonine phosphatase 1 gamma; protein phosphatase 1C catalytic subunit; PP-1G; PPP1G;
Gene ID	5501
mRNA Refseq	NM_002710
Protein Refseq	NP_002701
MIM	176914
UniProt ID	P36873

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SDS-PAGE

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