

# Recombinant Human PPP3CC Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** PPP3CC-5693H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	PPP3CC MS Standard C13 and N15-labeled recombinant protein (NP_005596) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	<p>Calcineurin is a calcium-dependent, calmodulin-stimulated protein phosphatase involved in the downstream regulation of dopaminergic signal transduction.</p> <p>Calcineurin is composed of a regulatory subunit and a catalytic subunit. The protein encoded by this gene represents one of the regulatory subunits that has been found for calcineurin. Three transcript variants encoding different isoforms have been found for this gene.</p>
<b>Molecular Mass</b>	58.1 kDa
<b>AA Sequence</b>	<p>MSGRRFHLSTTDRVIKAVFPPTQRLTFKEVFENGKPKVDVLKNHLVKEGRLEEEVA  LKIINDGAILRQEKTMIIEVDAPITVCGDIHGQFFDLMKLFEVGGSPSNTRYLFLGDYV  DRGYFSIECVLYLWSLKINHPKTLFLLRGNHECRHLTDYFTFKQECRIKYSEQVYDAC  METFDCLPLAALLNQQLCVHGGMSPEITSLDDIRKLDRFTEPPAFGPVCDLLWSDP  SEDYGNEKTLEHYTHNTVRGCSYFYSYPAVCEFLQNNNLLSIIRAHEAQDAGYRMY  RKSQATGFPSLITIFSAPNYLDVYNNKAAVLKYENNVNMNIRQFNCSPPHYWLPNFMF  VFTWSLPFVGEKVTEMLVNVLNICSDDELISDDEAEGSTTVRKEIIRNKIRAIGKMARV</p>

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FSILRQESESVLTLKGLTPTGTLPLGVLSGGKQTIETATVEAVEAREAIRGFSLQHKIR  
 SFEEARGLDRINERMPPRKDSIHAGGPMKSVTSAHSHAAHRSDQGKKAHSTRTRPL  
 EQKLISEEDLAANDILDYKDDDDKV

**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** [PPP3CC protein phosphatase 3 catalytic subunit gamma \[ Homo sapiens \(human\) \]](#)

**Official Symbol** [PPP3CC](#)

**Synonyms** PPP3CC; protein phosphatase 3, catalytic subunit, gamma isozyme; protein phosphatase 3 (formerly 2B), catalytic subunit, gamma isoform, protein phosphatase 3 (formerly 2B), catalytic subunit, gamma isoform (calcineurin A gamma); serine/threonine-protein phosphatase 2B catalytic subunit gamma isoform; calcineurin A gamma; CALNA3; PP2Bgamma; protein phosphatase 2B; catalytic subunit; gamma isoform; CAM-PRP catalytic subunit; calcineurin, testis-specific catalytic subunit; calmodulin-dependent calcineurin A subunit gamma isoform; protein phosphatase 2B, catalytic subunit, gamma isoform; protein phosphatase 3 (formerly 2B), catalytic subunit, gamma isoform; CNA3;

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**Gene ID** 5533

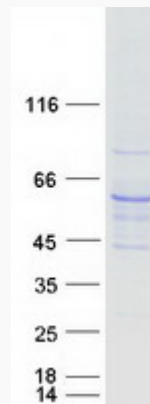
**mRNA Refseq** NM\_005605

**Protein Refseq** NP\_005596

**MIM** 114107

**UniProt ID** P48454

**SDS-PAGE**



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