

## Product datasheet for PH302495

### PPP3CC (NM\_005605) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	PPP3CC MS Standard C13 and N15-labeled recombinant protein (NP_005596)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202495
Predicted MW:	58.1 kDa
Protein Sequence:	>RC202495 protein sequence Red=Cloning site Green=Tags(s)

MSGRRFHLSTTDRVIKAVFPPTQRLTFKEVFENGKPKVDVLDKNHLVKEGRLEEEVALKIINDGAAILRQ  
EKTMI EVDAPITVCGDIHGQFFDLMKLFEVGGSPNTRYLFLGDYVDRGYFSIECVLYLWSLKINHPKTL  
FLLRGNHECRHLTDYFTFKQECRIKYSEQYDACEFDCLPLAALLNQQFLCVHGGMSPEITSLDDIRK  
LDRFTEPPAFGPVCDLLWSDPSEDYGNKLTLEHYTHNTVRGCSYFYSYPAVCEFLQNNLLSIIRAHEAQ  
DAGYRMYRKSQATGFPSLITIFSAFNLDVYNNKA AVLKYENNVNIRQFNCSPPHYWLPNFMDFVFTWSL  
PFVGEKVTEMLVNVLNICSDDELISDDEAEGSTTVRKEIIRNKIRAI GKMARVFSILRQESVSLTKGL  
TPTGTLPLGVLGGKQT IETATVEAVEAREAIRGFSLQHKIRSFEEARGLDRINERMPPRKDSIHAGGPM  
KSVTSAHSHAAHRSDQGKKAHS

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- <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_005596</a>
RefSeq Size:	2334
RefSeq ORF:	1536



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**Synonyms:** CALNA3; CNA3; PP2Bgamma

**Locus ID:** 5533

**UniProt ID:** [P48454](#)

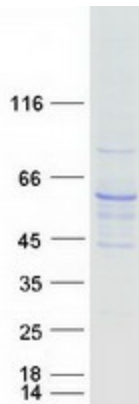
**Cytogenetics:** 8p21.3

**Summary:** Calcineurin is a calcium-dependent, calmodulin-stimulated protein phosphatase involved in the downstream regulation of dopaminergic signal transduction. 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. [provided by RefSeq, Sep 2011]

**Protein Families:** Druggable Genome, Phosphatase

**Protein Pathways:** Alzheimer's disease, Amyotrophic lateral sclerosis (ALS), Apoptosis, Axon guidance, B cell receptor signaling pathway, Calcium signaling pathway, Long-term potentiation, MAPK signaling pathway, Natural killer cell mediated cytotoxicity, Oocyte meiosis, T cell receptor signaling pathway, VEGF signaling pathway, Wnt signaling pathway

### Product images:



Coomassie blue staining of purified PPP3CC protein (Cat# [TP302495]). The protein was produced from HEK293T cells transfected with PPP3CC cDNA clone (Cat# [RC202495]) using MegaTran 2.0 (Cat# [TT210002]).