

Datasheet for ABIN7551002
PPP3CC Protein (AA 1-512) (His tag)



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Overview

Quantity:	1 mg
Target:	PPP3CC
Protein Characteristics:	AA 1-512
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPP3CC protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant PPP3CC Protein expressed in mammalian cells.
Sequence:	<p>MSGRRFHLST TDRVIKAVPF PPTQRLTFKE VFENGKPKVD VLKNHLVKEG RLEEEVALKI INDGAAILRQ EKTMI EVDAP ITVCGDIHGQ FFDLMKLFV GGSPSNTRYL FLGDYVDRGY FSIECVLYLW SLKINHPKTL FLLRGNHECR HLTDYFTFKQ ECRIKYSEQV YDACMETFDC LPLAALLNQQ FLCVHGGMSP EITSLDDIRK LDRFTEPPAF GPVCDLLWSD PSEDYGNEKT LEHYTHNTVR GCSYFYSYPA VCEFLQNNNL LSIIRAHEAQ DAGYRMYRKS QATGFPSLIT IFSAPNYLDV YNNKAAVLKY ENNVMNIRQF NCSPHPYWLP NFMDVFTWSL PFVGEKVTEM LVNVLNICSD DELISDDEAE GSTTVRKEII RNKIRAIGKM ARVFSILRQE SESVLTLLKGL TPTGTLPLGV LSGGKQTJET ATVEAVEARE AIRGFSLQHK IRSFEEARGL DRINERMPPR KDSIHAGGPM KSVTSAHSHA AHRSDQGKKA HS Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>

Product Details

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: PPP3CC

Alternative Name: [PPP3CC \(PPP3CC Products\)](#)

Background: Serine/threonine-protein phosphatase 2B catalytic subunit gamma isoform (EC 3.1.3.16) (CAM-PRP catalytic subunit) (Calcineurin, testis-specific catalytic subunit) (Calmodulin-dependent calcineurin A subunit gamma isoform),FUNCTION: Calcium-dependent, calmodulin-stimulated protein phosphatase which plays an essential role in the transduction of intracellular Ca(2+)-mediated signals. Dephosphorylates and activates transcription factor NFATC1. Dephosphorylates and inactivates transcription factor ELK1. Dephosphorylates DARPP32. {ECO:0000269|PubMed:19154138}.

Molecular Weight: 58.1 kDa

UniProt: [P48454](#)

Pathways: [RTK Signaling](#), [WNT Signaling](#), [VEGF Signaling](#), [BCR Signaling](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
