

Datasheet for ABIN7563317  
**PPP3CC Protein (AA 1-513) (His tag)**



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## Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 1 mg  |
| Target:                       | PPP3CC  |
| Protein Characteristics:      | AA 1-513                                      |
| Origin:                       | Mouse   |
| Source:                       | HEK-293 Cells                                 |
| Protein Type:                 | Recombinant                                   |
| Purification tag / Conjugate: | This PPP3CC protein is labelled with His tag. |

## Product Details

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|-----------|--|
| Purpose:  | Custom-made recombinant Ppp3cc Protein expressed in mammalian cells.   |
| Sequence: | <p>MSVRRPQFST TERVIKAVPF PPTRRLTLKE VFENGKPKMD LLKNHLVKEG RVEEEVALKI<br/> INDGAAILKQ EKTMI EVEAP ITVCGDVHGQ FFDLMKLF EV GGSPSNTRYL FLGDYVDRGY<br/> FSIECVLYLW SLKINHPKTL FLLRGNHECR HLTEYFTFKQ ECRIKYSEMV YDACMHTFDC<br/> LPLAALLNQQ FLCVHGGMSP EITCLEDIRK LDRFSEPPAF GPVCDLLWSD PLEDYGSEKT<br/> LEHYTHNTVR GCSYFFSYPA VCEFLQNNLS LSIIRAHEAQ DAGYRMYRKN QATGFPSLIT<br/> IFSAPNYLDV YNNKAAVLKY ENNVMNIRQF NCSPPHYWLP NFMDVFTWSL PFVGEKVTEM<br/> LVNILNICSD EEMNVTDEEG ATTGRKEVIK NKIRAIGKMA RVFTVLREES ENVLTLKGLT<br/> PTGTLPLGVL SGGKQTIETA KQEAAEEREA IRGFTIAHRI RSFEEARGLD RINERMPPRK<br/> EASYHHDAGR MHS SHPPHP QASRRTDHGK KAL <b>Sequence without tag. The proposed<br/> Purification-Tag is based on experiences with the expression system, a different complexity<br/> of the protein could make another tag necessary. In case you have a special request, please<br/> contact us.</b></p> |

## Product Details

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|------------------|---|
| 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: | <p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p> |
| Purity:          | > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)   |
| Grade:           | custom-made   |

## Target Details

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|-------------------|---|
| Target:           | PPP3CC  |
| Alternative Name: | Ppp3cc ( <a href="#">PPP3CC Products</a> )  |
| Background:       | <p>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:0000250 UniProtKB:P48454}.</p> |
| Molecular Weight: | 58.7 kDa  |
| UniProt:          | <a href="#">P48455</a>  |
| Pathways:         | <a href="#">RTK Signaling</a> , <a href="#">WNT Signaling</a> , <a href="#">VEGF Signaling</a> , <a href="#">BCR Signaling</a>  |

## Application Details

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| 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. |
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| Restrictions: | For Research Use only |
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## Handling

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|         |        |
|---------|--------|
| Format: | Liquid |
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|         |  |
|---------|--|
| Buffer: | The buffer composition is at the discretion of the manufacturer. |
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| Handling Advice: | Avoid repeated freeze-thaw cycles. |
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| Storage: | -80 °C |
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| Storage Comment: | Store at -80°C. |
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| Expiry Date: | 12 months |
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