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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

PPP3CC (Human) Recombinant Protein (P01)

Catalog Number: H00005533-P01

Regulation Status: For research use only (RUO)

Product Description: Human PPP3CC full-length ORF (NP_005596.2, 1 a.a. - 512 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MSGRRFHLSTTDRVIKAVPFPPTQRLTFKEVFENGKPK
VDVLKNHLVKEGRLEEEVALKIINDGAAILRQEKTMIIEV
DAPITVCGDIHGQFFDLMKLFEVGGSPSNTRYLFLGDY
VDRGYFSIECVLYLWLSLKINHPKTLFLLRGNHECRHLT
DYFTFKQECRIKYSEQVYDACMETFDCLPLAALLNQQ
FLCVHGGMSPEITSLDDIRKLDRFTEPPAFGPVCDLLW
SDPSEDYGNEKTLEHYTHNTVRGCSYFYSPAVCEFL
QNNLLSIIRAHEAQDAGYRMYRKSQATGFPSLITIFSA
PNYLDVYNNKAAVLKYENNVNIRQFNCSPHPYWLPN
FMDVFTWVSLPFVGEKVTEMLVNLNICSDDELISDDEA
EGSTTVRKEIIRNKIRAIGKMARVFSILRQESVLTLLKG
LTPTGTLPLGVLSGGKQTIETATVEAVEAREAIRGFSLQ
HKIRSFEEARGLDRINERMPPRKDSIHAGGPMKSVTSA
HSHAAHRSDQGKKAHS

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 84.5

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 5533

Gene Symbol: PPP3CC

Gene Alias: CALNA3

Gene Summary: Calmodulin-dependent protein phosphatase, calcineurin, is involved in a wide range of biologic activities, acting as a Ca(2+)-dependent modifier of phosphorylation status. In testis, the motility of the sperm is thought to be controlled by cAMP-dependent phosphorylation and a unique form of calcineurin appears to be associated with the flagellum. The calcineurin holoenzyme is composed of catalytic and regulatory subunits of 60 and 18 kD, respectively. At least 3 genes, calcineurin A-alpha (CALNA1; MIM 114105), calcineurin A-beta (CALNA2; MIM 114106), and calcineurin A-gamma (CALNA3), have been cloned for the catalytic subunit. These genes have been identified in humans, mice, and rats, and are highly conserved between species (90 to 95% amino acid identity).[supplied by OMIM]