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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CCNA2 (Human) Recombinant Protein (P01)

Catalog Number: H00000890-P01

Regulation Status: For research use only (RUO)

Product Description: Human CCNA2 full-length ORF (NP_001228.1, 1 a.a. - 432 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MLGNSAPGPATREAGSALLALQQTALQEDQENINPEK
AAPVQQPRTRAALAVLKSGNPRGLAQQRPKTRRVA
PLKDLPVNDEHVTVPWKANSKQPAFTIHVDEAEKEA
QKKPAESQKIEREDALAFNSAISLPGPRKPLVPLDYPM
DGSFESPHTMDMSIVLEDEKPVSVNEVPDYHEDIHTYL
REMEVKCKPKVGYMKKQPDITNSMRAILVDWLVEVGE
EYKLNQNETLHLAVNYIDRFLSSMSVLRGKLQLVGTAAM
LLASKFEEIYPPEVAEFVYITDDTYTKKQVLRMEHLVLK
VLTFDLAAPTQVNFQFLTYFLHQQPANCKVESLAMFLG
ELSLIDADPYLKYLPSVIAGAAFHLALYVTGQSWPESL
IRKTGYTLESKPLCLMDLHQTYLKAPQHAQQSIREKYK
NSKYHGVSLNPPETLNL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 74.9

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: 890

Gene Symbol: CCNA2

Gene Alias: CCN1, CCNA

Gene Summary: The protein encoded by this gene belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. In contrast to cyclin A1, which is present only in germ cells, this cyclin is expressed in all tissues tested. This cyclin binds and activates CDC2 or CDK2 kinases, and thus promotes both cell cycle G1/S and G2/M transitions. [provided by RefSeq]

References:

1. Cyclin A2 Is Required for Sister Chromatid Segregation, But Not Separase Control, in Mouse Oocyte Meiosis. Touati SA, Cladiere D, Lister LM, Leontiou I, Chambon JP, Rattani A, Bottger F, Stemmann O, Nasmyth K, Herbert M, Wassmann K. Cell Rep. 2012 Oct 30. doi:pii: S2211-1247(12) 00337-3. 10.1016/j.celrep. 2012.10.002. [Epub ahead of print]