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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CCND2 (Human) Recombinant Protein (P01)

Catalog Number: H00000894-P01

Regulation Status: For research use only (RUO)

Product Description: Human CCND2 full-length ORF (NP_001750.1, 1 a.a. - 289 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MELLCHEVDPVRRRAVRDRNLLRDDRVLQNLLTIEERYL
PQCSYFKCVQKDIQPYMRRMVATWMLEVCEEQKCEE
EVFPLAMNYLDRFLAGVPTPKSHLQLLGAVCMFLASKL
KETSPLTAEKLCIYTDNSIKPQELLEWELVVLGKCLKWNL
AAVTPHDFIEHILRKLPQQREKLSLIRKHAQTFIALCATD
FKFAMYPPSMIATGSVGAICGLQQDEEVSSLTCDALT
ELLAKITNTDVEDLCKACQEIEAVLLNSLQQYRQDQRD
GSKSEDELQASTPTDVRDIDL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 59.5

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: 894

Gene Symbol: CCND2

Gene Alias: KIAK0002, MGC102758

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. This cyclin forms a complex with and functions as a regulatory subunit of CDK4 or CDK6, whose activity is required for cell cycle G1/S transition. This protein has been shown to interact with and be involved in the phosphorylation of tumor suppressor protein Rb. Knockout studies of the homologous gene in mouse suggest the essential roles of this gene in ovarian granulosa and germ cell proliferation. High level expression of this gene was observed in ovarian and testicular tumors. [provided by RefSeq]