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- Diagnostik & molekulare Diagnostik
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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CCNE1 (Human) Recombinant Protein (P01)

Catalog Number: H00000898-P01

Regulation Status: For research use only (RUO)

Product Description: Human CCNE1 full-length ORF (AAH35498.1, 1 a.a. - 410 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:
MPRERRERDAKERDTMKEDGGAEFSARSRKRKANVT
VFLQDPDEETAKIDRTARDQCGSQPWDNNAVCADPC
SLIPTPDKEDDDRVYPNSTCKPRIIAPSRGSPLPVLSW
ANREEVWKIMLNKEKTYLRDQHFLEQHPLLQPKMRAIL
LDWLMEVCEVYKLHRETFYLAQDFFDRYMATQENVV
KTLLQLIGISSLFIAAKLEEIYPPKLHQFAYVTDGACSGD
EILTMELMIMKALKWRLSPLTIVSWLNVYMQVAYLNDL
HEVLLPQYPQQIFIQIAELLDLCVLDVDCLEFPYGILAAS
ALYHFSSSELMQKVSGYQWCDIENCVKWMVPFAMVI
RETGSSKLKHFRGVADEDAHNIQTHRDSLDLLDKARA
KKAMLSEQNRASPLPSGLLTPPQSGKKQSSGPEMA

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 70.84

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: 898

Gene Symbol: CCNE1

Gene Alias: CCNE

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 CDK2, whose activity is required for cell cycle G1/S transition. This protein accumulates at the G1-S phase boundary and is degraded as cells progress through S phase. Overexpression of this gene has been observed in many tumors, which results in chromosome instability, and thus may contribute to tumorigenesis. This protein was found to associate with, and be involved in, the phosphorylation of NPAT protein (nuclear protein mapped to the ATM locus), which participates in cell-cycle regulated histone gene expression and plays a critical role in promoting cell-cycle progression in the absence of pRB. Two alternatively spliced transcript variants of this gene, which encode distinct isoforms, have been described. Two additional splice variants were reported but detailed nucleotide sequence information is not yet available. [provided by RefSeq]