

Recombinant Human CCNE2 Protein, GST-Tagged

Cat. No. CCNE2-0667H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CCNE2 full-length ORF (AAH20729, 1 a.a. - 374 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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. This cyclin has been shown to specifically interact with CIP/KIP family of CDK inhibitors, and plays a role in cell cycle G1/S transition. The expression of this gene peaks at the G1-S phase and exhibits a pattern of tissue specificity distinct from that of cyclin E1. A significantly increased expression level of this gene was observed in tumor-derived cells. [provided by RefSeq, Jul 2008]
Molecular Mass	66.88 kDa
AA Sequence	MSRRSSRLQAKQQPQPSQTESPQEAQIIQAKKRKTTQDVKKRREEVTKKHQYEIRN CWPPVLSGGISPCIIIETPHKEIGTSDFSRFTNYRFKNLFINPSPLPDLSWGCSKEVWL NMLKKESRYVHDKHFVHLHSDLEPQMRSILLDWLLEVCEVYTLHRETFYLAQDFFDR FMLTQKDINKNMLQLIGITSLFIASKLEEIYAPKLQEFAYVTDGACSEEDILRMELIILKA

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LKWELCPVTIISWLNFLQVDALKDAPKVLLPQYSQETFIQIAQLLDLCILADSLEFQY
 RILTAAALCHFTSIEVVKKASGLEWDSISECVDWMVPFVNVVKSTSPVKLKTFKKIPM
 EDRHNIQTHTNYLAMLCMISSHV

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

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

GENE INFORMATION
Gene Name

CCNE2 cyclin E2 [Homo sapiens]

Official Symbol

CCNE2

Synonyms

CCNE2; cyclin E2; G1/S-specific cyclin-E2; CYCE2;

Gene ID

9134

mRNA Refseq

NM_057749

Protein Refseq

NP_477097

MIM

603775

UniProt ID

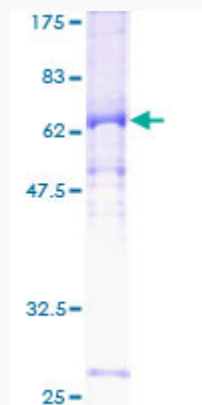
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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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