

# Recombinant Full Length Human CCNA2 Protein, GST-tagged

**Cat. No.** CCNA2-2958HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human CCNA2 full-length ORF (NP_001228.1, 1 a.a. - 432 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 432 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | The protein encoded by this gene belongs to the highly conserved cyclin family, whose members function as regulators of the cell cycle. This protein binds and activates cyclin-dependent kinase 2 and thus promotes transition through G1/S and G2/M. [provided by RefSeq, Aug 2016]                                                                                                                                                                                      |
| <b>Molecular Mass</b>   | 74.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>AA Sequence</b>      | MLGNSAPGPATREAGSALLALQQTALQEDQENINPEKAAPVQQPRTRAALAVLKSG<br>NPRGLAQQQRPKTRRVAPLKDLPVNDEHVTVPWKANSKQPAFTIHVDEAEKEAQK<br>KPAESQKIEREDALAFNSAISLPGRKPLVPLDYPMDGSFESPHTMDMSIVLEDEKP<br>VSVNEVPDYHEDIHTYLREMEVKCKPKVGYMKKQPDITNSMRAILVDWLVEVGEEY<br>KLQNETLHLAVNYIDRFLSSMSVLRGKLQLVGTAAMLLASKFEEIYPPEVAEFVYITD<br>DTYTKKQVLRMEHLVLKVLTFDLAAPTQVNTQFLTYFLHQQPANCKVESLAMFLGELS<br>LIDADPYLKYLPSVIAGAAFLALYTVTGQSWPESLIRKTGYTLESCLKPCLMDLHQTYL<br>KAPQHAQQSIREKYKNSKYHGVSLNPPETLNL |

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|-----------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>   | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array |
| <b>Storage</b>        | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                          |
| <b>Storage Buffer</b> | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                          |

## GENE INFORMATION

|                        |                                                                |
|------------------------|----------------------------------------------------------------|
| <b>Gene Name</b>       | CCNA2 cyclin A2 [ Homo sapiens ]                               |
| <b>Official Symbol</b> | CCNA2                                                          |
| <b>Synonyms</b>        | CCNA2; cyclin A2; CCN1, CCNA; cyclin-A2; cyclin-A; CCN1; CCNA; |
| <b>Gene ID</b>         | 890                                                            |
| <b>mRNA Refseq</b>     | NM_001237                                                      |
| <b>Protein Refseq</b>  | NP_001228                                                      |
| <b>MIM</b>             | 123835                                                         |
| <b>UniProt ID</b>      | P20248                                                         |

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