

Recombinant Full Length Human CCNA2 Protein, C-Flag-tagged

Cat. No. CCNA2-362HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CCNA2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	48.4 kDa
AA Sequence	MLGNSAPGPATREAGSALLALQQTALQEDQENINPEKAAPVQQPRTRAALAVLKSG NPRGLAQQQRPKTR RVAPLKDLPVNDEHVTVPWVKANSKQPAFTIHVDEAEKEAQ KKPAESQKIEREDALAFNSAISLPGPRKP LVPLDYPMDGSFESPHTMDMSIVLEDEK PVSVNEVPDYHEDIHTYLREMEVKCKPKVGYMKKQPDITNSM RAILVDWLVEVGEE YKLQNETLHLAVNYIDRFLSSMSVLRGKLQLVGTAAMLLASKFEEIYPPEVAEFVY IT DDTYTKKQVLRMEHLVLKVLTFDLAAPTQVNTQFLTQYFLHQQPANCKVESLAMFLGEL SLIDADPYLKY LPSVIAGAAFHLALYTVTGQSWPESLIRKTGYTLESCLKPCLMDLHQT YLKAPQHAQQSIREKYKNSKYHG

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	VSLNPPETLNLTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Stem cell - Pluripotency
Protein Pathways	Cell cycle, Progesterone-mediated oocyte maturation
Full Length	Full L.

GENE INFORMATION

Gene Name	CCNA2 cyclin A2 [Homo sapiens (human)]
Official Symbol	CCNA2
Synonyms	CCN1; CCNA
Gene ID	890
mRNA Refseq	NM_001237.5

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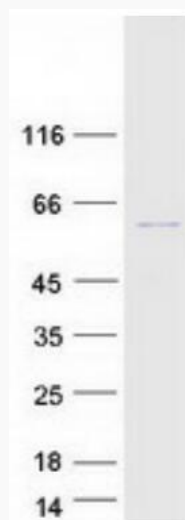
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Protein Refseq NP_001228.2

MIM 123835

UniProt ID P20248



Coomassie blue staining of purified CCNA2 protein.

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