Recombinant Human CCNA2 protein, GST-tagged

Cat. No. CCNA2-586H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CCNA2 fused with GST tag at N-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
Description	CyclinA2 belongs to the highly conserved cyclin family whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle and function as regulators of CDKs. CyclinA2 is an essential component of all embryonic and somatic cell cycles in mammals. CyclinA2 is highly expressed in the testis and certain myeloid leukemia cells. Cyclin A also plays a major role in the control of DNA replication. CyclinA2 binds and activates CDC2 or CDK2 and thus promotes both cell cycle G1/S and G2/M transitions.
Form	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Molecular Mass	~78 kDa
Purity	> 75%
Applications	Western Blot
Stability	1 year at –70 centigrade from date of shipment.

Tel: 1-631-559-9269 1-516-512-3133
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Storage	Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.2 ug/ul

GENE INFORMATION

Gene Name	CCNA2 cyclin A2 [Homo sapiens]
Official Symbol	CCNA2
Synonyms	CCNA2; cyclin A2; CCN1, CCNA; cyclin-A2; cyclin-A; CCN1; CCNA;
Gene ID	890
mRNA Refseq	NM_001237
Protein Refseq	NP_001228
MIM	123835
UniProt ID	P20248
Chromosome Location	4q25-q31
Pathway	APC/C-mediated degradation of cell cycle proteins, organism-specific biosystem; ATF-2 transcription factor network, organism-specific biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Cell cycle, organism-

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	specific biosystem; Cell cycle, organism-specific biosystem;
Function	protein binding; protein kinase binding;

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