

CCNA2 recombinant protein

CCNA2, 1-432aa, Human, His tag, E Coli

CATALOG # AAA48715	HOST E Coli	APPLICATIONS SDS-Page
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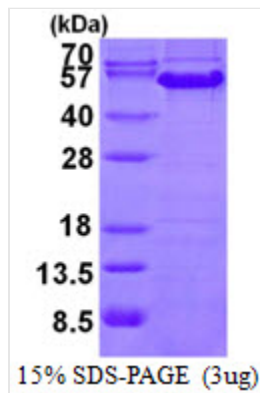
PRODUCT SYNONYMS

CCNA2; 1-432aa; Human; His tag; E Coli; Cyclin A2; CCN1; CCNA; CCNA2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. 20mM Tris-HCl Buffer (pH 8.0) containing 20% glycerol 0.15M NaCl, 1mM DTT
Concentration	0.5 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MGSMLGNSA PGPATREAGS ALLALQQTAL QEDQENINPE KAAPVQQPRT RAALAVLKSG NPRGLAQQQR PKTRRVAPLK DLPVNDEHVT VPPWKANSKQ PAFTIHVDEA EKEAQKKPAE SQKIEREDAL AFNSAISLPG PRKPLVPLDY PMDGSFESPH TMDMSIVLED EKPVSVNEVP DYHEDIHTYL REMEVKCKPK VGYMKKQPD TNSMRILVD WLVEVGEEYK LQNETLHLAV NYIDRFLSSM SVLRGKLQLV GTAAMLLASK FEEIYPPEVA EFVYITDDTY TTKQVLRMEH LVLKVLTFDL AAPTQVQFLT QYFLHQQPAN CKVESLAMFL GELSILADP YLKYLPVIA GAAFLALYT VTGQSWPESL IRKTGYTLES LKPCLMDLHQ TYLKAPQHAQ QSIREKYKNS KYHGVSLNLP PETLNL
Sequence Length	432
Applicable Applications for CCNA2 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Ships on dry ice. Can be stored at 2-8°C for 1 week. For long term storage, aliquot and store at -20°C to 80°C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for CCNA2 recombinant protein	CCNA2 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. In contrast to cyclin A1, which is present only in germ cells, this cyclin is expressed in all tissues tested. This cyclin binds and activates CDC2 or CDK2 kinases, and thus promotes both cell cycle G1/S and G2/M transitions. Recombinant human CCNA2 protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for CCNA2 recombinant protein	Cell Cycle
References	Alvarez-Fernandez,M., et al. (2011) J. Biol. Chem. 286 (38), 33029-33036; Kim,D.H., et al. (2011) Cancer 117 (17), 4080-4091

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502613
NCBI GeneID	890
NCBI Accession #	NP_001228
NCBI GenBank Nucleotide #	NM_001237.4
UniProt Accession #	P20248; Q2M3U6; Q4W5P4; Q6LER8; A8K7B6
Molecular Weight	51.1 kDa (456aa)
NCBI Official Full Name	cyclin-A2
NCBI Official Synonym Full Names	cyclin A2
NCBI Official Symbol	CCNA2
NCBI Official Synonym Symbols	CCN1; CCNA
NCBI Protein Information	cyclin-A2
UniProt Protein Name	Cyclin-A2
UniProt Gene Name	CCNA2
UniProt Synonym Gene Names	Cyclin-A

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ccna2-recombinant-protein-e-coli-sds-page/48715>