

CCNA2, 1-432aa, Human, His tag, E.coli

Cat.NO.: TP01471

3th Edition

Synonyms:Cyclin A2, CCN1, CCNA.

Description: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.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.15M NaCl, 1mM DTT

Molecular Weight:51.1 kDa (456aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSHMLGNSAPGPATREAGSALLALQQTALQEDQENINPEKAAPVQQPRTRAAL
AVLKSGNPRGLAQQRPKTRRVAPLKDLVNDVHTVPPWKANSKQPAFTIHVDEAEKEAQKPAESQKIEREDA
LAFNSAISLPGRKPLVPLDYPMDGSFESPHTMDMSIVLEDEKPVSVNEVPDYHEDIHTYLREMEVKCKPKVGYMK
KQPDITNSMRAILVDWLVEVGEEYKLQNETLHLAVNYIDRFLSSMSVLRGKLQLVGTAAMLLASKFEEIYPPEVAEFV
YITDDTYTKKQVLRMEHLVLKVLTFDLAAPTQVNFQFLTQYFLHQQPANCKVESLAMFLGELSLIDADPYLKYLPVSIAG
AAFHLALYTVTGGQSWPESLIRKTGYTLESKPKCLMDLHQTYLKAPQHAQQSIREKYKNSKYHGVSLNPPETLNL

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.