

Product datasheet for **TP311148**

Cyclin A2 (CCNA2) (NM_001237) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human cyclin A2 (CCNA2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211148 representing NM_001237 Red=Cloning site Green=Tags(s)

MLGNSAPGPATREAGSALLALQQTALQEDQENINPEKAAPVQQPRTRAALAVLKSGNPRGLAQQRPKTR
RVAPLKDLPVNDEHVTVPPWKANSKQPAFTIHVDEAEKEAQKKPAESQKIEREDALAFNSAISLPGPRKP
LVPLDYPMDGSFESPHTMDMSIVLEDEKPVSVNEVPDYHEDIHTYLREMEVKCKPKVGYMKKQPDITNSM
RAILVDWLVEVGEEYKLQNETLHLAVNYIDRFLSSMSVLRGKLQLVGTAAMLLASKFEEIYPPEVAEFVY
ITDDTYTKKQVLRMEHLVLKVLTFDLAAPTQVNFQFLTYFLHQQPANCKVESLAMFLGELSLIDADPYLKY
LPSVIAGAAFHLALYVTGQSWPESLIRKTGYTLESCLKPCLMDLHQTYLKAPQHAQQSIREKYKNSKYHG
VLLNPPETLNL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	48.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001228



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Locus ID: 890

UniProt ID: [P20248](#)

RefSeq Size: 1682

Cytogenetics: 4q27

RefSeq ORF: 1296

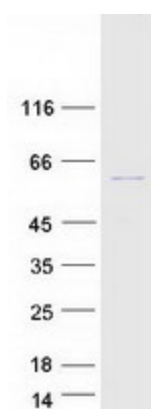
Synonyms: CCN1; CCNA

Summary: 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]

Protein Families: Druggable Genome, Stem cell - Pluripotency

Protein Pathways: Cell cycle, Progesterone-mediated oocyte maturation

Product images:



Coomassie blue staining of purified CCNA2 protein (Cat# TP311148). The protein was produced from HEK293T cells transfected with CCNA2 cDNA clone (Cat# [RC211148]) using MegaTran 2.0 (Cat# [TT210002]).