

Product datasheet for **AR50399PU-N**

Cyclin A2 (1-432, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Cyclin A2 (1-432, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMLGNSA PGPATREAGS ALLALQQTAL QEDQENINPE KAAPVQQPRT RAALAVLKSG NPRGLAQQQR PKTRRVAPLK DLPVNDEHVT VPPWKANSKQ PAFTIHVDEA EKEAQKKPAE SQKIEREDAL AFNSAISLPG PRKPLVPLDY PMDGSFESPH TMDMSIVLED EKPVSVNEVP DYHEDIHTYL REMEVKCKPK VGYMKKQPD I TNSMRAILVD WLVEVGEEYK LQNETLHLAV NYIDRFLSSM SVLRGKLQLV GTAAMLLASK FEEIYPPEVA EFVYITDDTY TKKQVLRMEH LVLKVLTFDL AAPTQNQFLT QYFLHQQPAN CKVESLAMFL GELSLLIDADP YLKYLPSVIA GAAFHLALYT VTGQSWPESL IRKTGYTLES LKPCCLMDLHQ TYLKAPQHAQ QSIREKYKNS KYHGVSLNLP PETLNL
Tag:	His-tag
Predicted MW:	51.1 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol 0.15M NaCl, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human CCNA2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001228</u>
Locus ID:	890
UniProt ID:	<u>P20248</u>



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Cytogenetics: 4q27

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:

