

## Product datasheet for **AR50436PU-N**

### Cyclin B1 (1-433, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Cyclin B1 (1-433, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSIMALRVT RNSKINAENK AKINMAGAKR VPTAPAATSK PGLRPRTALG DIGNKVSEQL QAKMPMKKEA KPSATGKVID KKLKPLEKV PMLVPVPVSE PVPEPEPEPE PEPVKEEKLS PEPILVDTAS PSPMETS GCA PAEEDLCQAF SDVILAVNDV DAEDGADPNL CSEYVKDIYA YLRQLEEEQA VRPKYLLGRE VTGNMRAIL DWLVQVQMKF RLLQETMYMT VSIIDRFMQN NCVPKKMLQL VGV TAMFIAS KYEEMYPPEI GDFAFVTDNT YTKHQIRQME MKILRALNFG LGRPLPLHFL RRASKIGEVD VEQHTLAKYL MELTMLDYDM VHFPPSQIAA GAFCLALKIL DNGEWTPTLQ HYLSYTEESL LPVMQHLAKN VVMVNQGLTK HMTVKNKYAT SKHAKISTLP QLNSALVQDL AKAVAKV
Tag:	His-tag
Predicted MW:	50.9 kDa
Concentration:	lot specific
Purity:	>80% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human CCNB1 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:	<a href="#">NP_001341773</a>
Locus ID:	891
Cytogenetics:	5q13.2



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**Synonyms:** CCNB

**Summary:** The protein encoded by this gene is a regulatory protein involved in mitosis. The gene product complexes with p34(cdc2) to form the maturation-promoting factor (MPF). The encoded protein is necessary for proper control of the G2/M transition phase of the cell cycle. [provided by RefSeq, Aug 2017]

**Protein Families:** Druggable Genome, Stem cell - Pluripotency

**Protein Pathways:** Cell cycle, Oocyte meiosis, p53 signaling pathway, Progesterone-mediated oocyte maturation

**Product images:**

