

Product datasheet for **AR51101PU-N**

Cyclin I (1-377, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Cyclin I (1-377, His-tag) human protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMKFPGPL ENQRLSFLLE KAITREAQMW KVNVRKMPSN QNVSPQRDE VIQWLAKLKY QFNLYPETFA LASSLLDRFL ATVKAHPKYL SCIAISCFLL AAKTVEEDER IPVLVKLARD SFCGCSSEI LRMERIILDK LNWDLHTATP LDFLHIFHAI AVSTRPQLLF SLPKLSPSQH LAVLTKQLLH CMACNQLLQF RGSMLALAMV SLEMEKLIPD WLSLTIELLQ KAQMDSQLI HCRELVAHHL STLQSSLPLN SVVYRPLKH TLVTCDKGVF RHPSSVPGP DFSKDNSKPE VPVRGTAAFY HHLPAASGCK QTSTKRKVEE MEVDDFYDGI KRLYNEDNVS ENVGVCVCGTD LSRQEGHASP CPPLQPVSVM
Tag:	His-tag
Predicted MW:	44.9 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea
Preparation:	Liquid purified protein
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:	NP_001335061
Locus ID:	10983
UniProt ID:	Q14094 , A0A024RDH0
Cytogenetics:	4q21.1
Synonyms:	CCNI1; CYC1; CYI



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Summary:

The protein encoded by this gene 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. This cyclin shows the highest similarity with cyclin G. The transcript of this gene was found to be expressed constantly during cell cycle progression. [provided by RefSeq, Jan 2017]

Product images: