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Datasheet for ABIN7505172

**Cyclin A Protein (AA 1-432) (His tag)**

## Overview

Quantity:	100 µg
Target:	Cyclin A (CCNA2)
Protein Characteristics:	AA 1-432
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cyclin A protein is labelled with His tag.

## Product Details

Sequence:	Met 1-Leu 432
Characteristics:	A DNA sequence encoding the Human Cyclin A2/CCNA2 protein (P20248) (Met 1-Leu 432) was expressed with N-His.
Purity:	>95 % as determined by reducing SDS-PAGE.

## Target Details

Target:	Cyclin A (CCNA2)
Alternative Name:	Cyclin A2 ( <a href="#">CCNA2 Products</a> )
Background:	Background: Cyclin which controls both the G1/S and the G2/M transition phases of the cell cycle. Functions through the formation of specific serine/threonine protein kinase holoenzyme complexes with the cyclin-dependent protein kinases CDK1 or CDK2. The cyclin subunit Synonym: CCN1,Cyclin-A2

### Target Details

Molecular Weight:	47.41 kDa
UniProt:	<a href="#">P20248</a>
Pathways:	<a href="#">PI3K-Akt Signaling</a> , <a href="#">Cell Division Cycle</a> , <a href="#">AMPK Signaling</a> , <a href="#">Mitotic G1-G1/S Phases</a> , <a href="#">DNA Replication</a> , <a href="#">M Phase</a> , <a href="#">Synthesis of DNA</a>

### Application Details

Restrictions:	For Research Use only
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### Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months