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Datasheet for ABIN7505536

Cyclin A Protein (AA 1-418) (His tag)

Overview

Quantity:	100 µg
Target:	Cyclin A (CCNA2)
Protein Characteristics:	AA 1-418
Origin:	Rat
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-Val 418
Characteristics:	A DNA sequence encoding the Rat cyclin A2/CCNA2 protein (G3V802) (Met 1-Val 418) was expressed with N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	Cyclin A (CCNA2)
Alternative Name:	cyclin A2 (CCNA2 Products)
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:	45.87 kDa
UniProt:	G3V802
Pathways:	PI3K-Akt Signaling , Cell Division Cycle , AMPK Signaling , Mitotic G1-G1/S Phases , DNA Replication , M Phase , Synthesis of DNA

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