

Datasheet for ABIN7557704

Cyclin A1 Protein (CCNA1) (AA 1-421) (His tag)



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Overview

Quantity:	1 mg
Target:	Cyclin A1 (CCNA1)
Protein Characteristics:	AA 1-421
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cyclin A1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Ccna1 Protein expressed in mammalian cells.
Sequence:	<p>MHRQSSKSGV ALPPVGQGPD ACQMLSRAQL GQDPPQRTVL GVLTESEQYR RTCGQEITAI RCFSGSENVF PAAGKKVLSD HGVNEPAKRG FDIYMDDPEQ GDRDTCSGKE GIIFEDVYEV DTSMLKSDLH FLLDFNTVSP MLVDPTTHAQ SEEATDFGSD VINVTEYAE IHRYLREAEV RHRPKAHYMR KQPDITEGMR AILVDWLVEV GEEYKLRTET LYLAVNFLDR FLSCMSVLRG KLQLVGTAAL LLASKYEEIY PPDVDEFVYI TDDTYTKRQL LRMEHLLLVK LAFDLTVPTT NQFLLQYLRR QGVCIRTENL AKYVAELSL EADPFLKYLP SLVAAAAYCL ANYIVNRHFW PETLAAFTGY SLNEIVPCLS ELHKACLSIP HRPQQAIREK YKASKYLHVS LMEPPVVLPL Q</p> <p>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary.</p> <p>In case you have a special request, please contact us.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Product Details

Characteristics:	<div>Key Benefits:</div> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalian cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis). <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	Cyclin A1 (CCNA1)
Alternative Name:	Ccna1 (CCNA1 Products)
Background:	<p>Cyclin-A1,FUNCTION: May be involved in the control of the cell cycle at the G1/S (start) and G2/M (mitosis) transitions. May primarily function in the control of the germline meiotic cell cycle and additionally in the control of mitotic cell cycle in some somatic cells.</p> <p>{ECO:0000269 PubMed:10068472, ECO:0000269 PubMed:9843212}.</p>
Molecular Weight:	47.8 kDa
UniProt:	Q61456
Pathways:	Apoptosis , Cell Division Cycle , AMPK Signaling , Mitotic G1-G1/S Phases , DNA Replication , M Phase , Synthesis of DNA

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Application Details

Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months