

Datasheet for ABIN7553301
CDK10 Protein (AA 1-360) (His tag)



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Overview

Quantity:	1 mg
Target:	CDK10
Protein Characteristics:	AA 1-360
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDK10 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat CDK10 Protein expressed in mammalian cells.
Sequence:	<p>MAEPDLECEQ IRLKCIRKEG FFTVPPEHRL GRCRSVKEFE KLNRI GEGTY GIVYRARDTQ TDEIVALKKV RMDKEKDGIP ISSLREITLL LRLRHPNIVE LKEVVVGNHL ESIFLVMGYC EQDLASLLEN MPTPFSEAQV KCIVLQVLRG LQYLHRNFII HRDLKVSNNL MTDKGCVKTA DFGLARAYGV PVKPMTPKVV TLWYRAPELL LGTTTQTTSI DMWAVGCILA ELLAHRPLLP GTSEIHQIDL IVQLLGTPSE NIWPGFSKLP LVGQYSLRKQ PYNNLKHKFP WLSEAGLRLL HFLFMYDPKK RATAGDCLES SYFKEKPLPC EPELMPTFPH HRNKRAAPAT SEGQSKRCKP</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. In case you have a special request, please contact us.</p>
Characteristics:	Key Benefits:

Product Details

- 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).

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.

If you are not interested in a full length protein, please contact us for individual protein fragments.

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.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	CDK10
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Alternative Name:	CDK10 (CDK10 Products)
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Background:	Cyclin-dependent kinase 10 (EC 2.7.11.22) (Cell division protein kinase 10) (Serine/threonine-protein kinase PISSLRE),FUNCTION: Cyclin-dependent kinase that phosphorylates the transcription factor ETS2 (in vitro) and positively controls its proteasomal degradation (in cells) (PubMed:24218572). Involved in the regulation of actin cytoskeleton organization through the phosphorylation of actin dynamics regulators such as PKN2. Is a negative regulator of ciliogenesis through phosphorylation of PKN2 and promotion of RhoA signaling (PubMed:27104747). {ECO:0000269 PubMed:24218572, ECO:0000269 PubMed:27104747}.
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Molecular Weight:	41.0 kDa
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UniProt:	Q15131
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Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a
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Application Details

	guarantee though.
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