Datasheet for ABIN7562793
Cyclin O Protein (CCNO) (AA 1-352) (His tag)

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Overview

Quantity:	1 mg
Target:	Cyclin O (CCNO)
Protein Characteristics:	AA 1-352
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cyclin O protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Ccno Protein expressed in mammalien cells.
Sequence:	MVTPCPASPG SPAAGAGRRD SHQNLRAPVK KSRRPCLRRK KPLRPLNACS LPGDSGVCDL FESPSSSSDG ADSPAVSAAR DCSSLLNPAQ PLTALDLQTF REYGQSCYDF RKAQENLFHP RESLARQPQV TAESRCKLLS WLLQVHRQFG LSFESLCLTV NTLDRFLLTT PVAADCFQLL GVTCLLIACK QVEVHPPRLK QLLALCGGAF SRQQLCNLEC IVLHKLHFSL GAPTINFFLE HFTQWRMEAG QAEVTEALEA QTLARGVAEL SLTDYAFTTY TPSLMAICCL ALADGLLQHQ HEMDLRLGEH PEATLQDCLG KLQTLVSINS SSLPRILPPQ IWERCSLPQS WQ **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.**
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalien 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
Grade:	custom-made

Target Details

Target:	Cyclin O (CCNO)
Alternative Name:	Ccno (CCNO Products)
Background:	Cyclin-O,FUNCTION: Specifically required for generation of multiciliated cells, possibly by promoting a cell cycle state compatible with centriole amplification and maturation. Acts downstream of MCIDAS to promote mother centriole amplification and maturation in preparation for apical docking (By similarity). May be involved in apoptosis in lymphoid cells, however, this result requires additional evidences in vivo. May be involved in oocyte meiotic resumption in oocytes. {ECO:0000250, ECO:0000269|PubMed:18927588, ECO:0000269|PubMed:19609756, ECO:0000269|PubMed:26777464}.
Molecular Weight:	38.8 kDa
UniProt:	P0C242

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

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