

Datasheet for ABIN7558664
CDCA8 Protein (AA 1-289) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	CDCA8
Protein Characteristics:	AA 1-289
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDCA8 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Cdca8 Protein expressed in mammalien cells.
Sequence:	<p>MAPKKRSSRG TRTNTLRSRK LASFLKDFDR EVQVRTKQIE SDRQTLLKEV ENLYNIEILR</p> <p>LPKALQGMKW LDYFALGGNK QALEEAAKAD RDITEINNLT AEAQTPLKS VKKRKVIEVE</p> <p>ESIKEEEEE EEEGGGGGRT KKSHKNLRSA KVKRCLPSKK RTQSIQGRGR SKRLSHDFVT</p> <p>PAMSRLEPSL VKPTPGMTPR FDSRVFKTPG LRTPAAKEQV YNISINGSPL ADSKEISLSV</p> <p>PIGGGASLRL LASDLQRIDI AQLNPEALGN IRKLSSRLAQ ICSSIRTGR 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:	<p>Key Benefits:</p> <ul style="list-style-type: none"> Made to order protein - from design to production - by highly experienced protein experts.
------------------	---

Product Details

- 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
Grade:	custom-made

Target Details

Target:	CDCA8
Alternative Name:	Cdca8 (CDCA8 Products)
Background:	Borealin (Cell division cycle-associated protein 8) (MESrg),FUNCTION: Component of the chromosomal passenger complex (CPC), a complex that acts as a key regulator of mitosis. The CPC complex has essential functions at the centromere in ensuring correct chromosome alignment and segregation and is required for chromatin-induced microtubule stabilization and spindle assembly. In the complex, it may be required to direct the CPC to centromeric DNA. Major effector of the TTK kinase in the control of attachment-error-correction and chromosome alignment (By similarity). {ECO:0000250 UniProtKB:Q53HL2}.
Molecular Weight:	32.2 kDa
UniProt:	Q8BHX3
Pathways:	Cell Division Cycle, M Phase

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