

Datasheet for ABIN7556397
CDC45 Protein (AA 1-566) (His tag)



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Overview

Quantity:	1 mg
Target:	CDC45
Protein Characteristics:	AA 1-566
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDC45 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Cdc45 Protein expressed in mammalian cells.
Sequence:	<p>MFVTDFRKEF YETVHNQRVL LFMASDVDAK CACKILQALF QCDHVQYTLV PVSGWQELET</p> <p>AYLEHKEQFS YFILNCGAN VDLLDILQPD EDSIFFVCDT HRPVNVNVY NDTQIKLLIK</p> <p>QEDDLEVPAY DDIFRDEAED EDLSDSGDG SEPSEKRTL EEEIVERNRK RRQRREWEAR</p> <p>RKDILFDYEQ YEYGTSSAM VMFDLAWMMS KDLNDMLWWA IVGLTDQWVH DKITQMKYVT</p> <p>DVGILQRHVS RHNHRNEAEE NMLSVDCTRI SFEYDLCLVL YQHWSLHESL YNTSYTAARF</p> <p>KLWSVHGQKR LQEFADMGL PLKQVKQKFQ SMDVSLKGNL REMIEESANK FGMKDMRVQT</p> <p>FSIQFGFKHK FLASDVVFAT MSLMESPEKD GSGTDHFIQA LDSLSRSNLD KLYLGLELAK</p> <p>KHLQATQQT ASCLCTNLVT SQGPFLYCSL MEGTPDVTLF SKPASLSLLS RHLLKSFVYS</p> <p>TKNRRCKLLP LVMAAPLSVE QGTVTVVGIP PETDSSDRKN FFGRAFEKAA ESTSSRTLHN</p> <p>YFDLSVIELK AEDRSKFLDA LVSLLS Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein</p>

Product Details

could make another tag necessary. In case you have a special request, please contact us.

Characteristics:

Key Benefits:

- 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

Grade:

custom-made

Target Details

Target:

CDC45

Alternative Name:

Cdc45 ([CDC45 Products](#))

Background:

Cell division control protein 45 homolog (PORC-PI-1),FUNCTION: Required for initiation of chromosomal DNA replication.

Molecular Weight:

65.4 kDa

UniProt:

[Q9Z1X9](#)

Pathways:

[Mitotic G1-G1/S Phases](#), [DNA Replication](#), [Synthesis of DNA](#)

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 guarantee though.

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