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## Datasheet for ABIN7550940 **CDC40 Protein (AA 1-579) (His tag)**

### Overview

Quantity:	1 mg
Target:	CDC40
Protein Characteristics:	AA 1-579
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDC40 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat CDC40 Protein expressed in mammalian cells.
Sequence:	<p>MSAAIAALAA SYGSGSGSES DSDSESSRCP LPAADSLMHL TKSPSSKPSL AVAVDSAPEV AVKEDLETGV HLDPAVKEVQ YNPTYETMFA PEFGPENPFR TQMAAPRNM LSGYAEPahi NDFMFEQRR TFATYGYALD PSLDNHQVSA KYIGSVEEAE KNQGLTVFET GQKKTEKRKK FKENDASNID GFLGPWAKYV DEKDVAKPSE EEQKELDEIT AKRQKKGKQE EEKPGEEKTI LHVKEMYDYQ GRSYLHIPQD VGVNLRSTMP PEKCYLPKKQ IHVWSGHTKG VSAVRLFPLS GHLLSCSMD CKIKLWEVYG ERRCLRTFIG HSKAVRDICF NTAGTQFLSA AYDRYLKLWD TETGQCISRF TNRKVPYCVK FNPDEDKQNL FVAGMSDKKI VQWDIRSGEI VQEYDRHLGA VNTIVVDEN RRFVSTSDDK SLRVWEWDIP VDFKYIAEPS MHSMPAVTLS PNGKWLACQS MDNQILIFGA QNRFRLNKKK IFKGHMVAGY ACQVDFSPDM SYVISGDGNG KLNiWDWKTT KLYSRFKAHD KVCIGAVWHP HETSKVITCG WDGLIKLWD <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity</b></p>

## Product Details

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

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### 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.

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### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

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### Grade:

custom-made

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## Target Details

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### Target:

CDC40

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### Alternative Name:

CDC40 ([CDC40 Products](#))

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### Background:

Pre-mRNA-processing factor 17 (Cell division cycle 40 homolog) (EH-binding protein 3) (Ehb3) (PRP17 homolog) (hPRP17),FUNCTION: Required for pre-mRNA splicing as component of the activated spliceosome (PubMed:33220177). Plays an important role in embryonic brain development, this function does not require proline isomerization (PubMed:33220177). {ECO:0000269|PubMed:28076346, ECO:0000269|PubMed:28502770, ECO:0000269|PubMed:29301961, ECO:0000269|PubMed:29360106, ECO:0000269|PubMed:29361316, ECO:0000269|PubMed:30705154, ECO:0000269|PubMed:33220177, ECO:0000269|PubMed:9830021}.

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### Molecular Weight:

65.5 kDa

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### UniProt:

[O60508](#)

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## Target Details

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Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

## Application Details

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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.

Restrictions: For Research Use only

## Handling

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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