

## Product datasheet

# Recombinant Human CCN3 protein ab182816

### Overview

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<b>Product name</b>	Recombinant Human CCN3 protein
<b>Protein length</b>	Full length protein

### Description

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<b>Nature</b>	Recombinant
<b>Source</b>	Escherichia coli

### Amino Acid Sequence

<b>Accession</b>	<a href="#">P48745</a>
<b>Species</b>	Human
<b>Sequence</b>	MASMTGGQQMGRGHHHHHGNLYFQGGFTQRCPPQCPGRCPATPPTCAP GVRVLDGCSCLVCARQRGESCSLEPCDESSGLYCDRSADPSNQTGIC TAVEGDNCVFDGVYRSGEKFQPSCKFQCTCRDGGIGCVPRCQLDVLLPE PNCAPARKVEVPGECCCKWICGPDEEDSLGGLTLAAYRPEATLGVEVSDS SVNCIEQTTEWTACSKSCGMGFSTRVTNRNRQCEMLKQTRLCMVRPCEQE PEQPTDKKGGKCLRTKKSLKAIHLQFKNCTSLHTYKPRFCGVCS DGRCT PHNTKTIAEFQCSPGQVKKPVMVIGTCTCHTNCPKNNEAFLQELELKT TRGKM

<b>Molecular weight</b>	39 kDa including tags
<b>Amino acids</b>	32 to 357
<b>Tags</b>	His-T7 tag N-Terminus
<b>Additional sequence information</b>	Full length mature form. T7-His-TEV cleavage site Tag (29aa) fusion at its N-terminal. NP_002505.1.

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab182816** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	SDS-PAGE
<b>Purity</b>	>90% by SDS-PAGE. The final product was refolded using unique “temperature shift inclusion body refolding” technology and chromatographically purified.

**Form** Liquid

## Preparation and Storage

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**Stability and Storage** Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle.

## General Info

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**Function** Immediate-early protein likely to play a role in cell growth regulation.

**Tissue specificity** Expressed in bone marrow, thymic cells and nephroblastoma. Increased expression in Wilms tumor of the stromal type.

**Sequence similarities** Belongs to the CCN family.  
Contains 1 CTCK (C-terminal cystine knot-like) domain.  
Contains 1 IGFBP N-terminal domain.  
Contains 1 TSP type-1 domain.  
Contains 1 VWFC domain.

**Cellular localization** Secreted.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

## Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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