

Datasheet for ABIN7546740

**Copine III Protein (CPNE3) (AA 1-537) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	Copine III (CPNE3)
Protein Characteristics:	AA 1-537
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Copine III protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat CPNE3 Protein expressed in mammalian cells.
Sequence:	MAAQCVTKVA LNVSCANLLD KDIGSKSDPL CVLFLNTSGQ QWYEVERTER IKNCLNPQFS KTFIIDYYFE VVQKLKFGVY DIDNKTIELS DDDFLGECEC TLGQIVSSKK LTRPLVMKTG RPAGKGSITI SAEIKNRNV VLFEMEARKL DNKDLFGKSD PYLEFHKQTS DGNWLMVHRT EVVKNLNPV WRPFKISLNS LCYGDMDKTI KVECYDYDND GSHDLIGTFQ TTMTKLKEAS RSSPVEFECI NEKKRQKKKS YKNSGVISVK QCEITVECTF LDYIMGGCQL NFTVGVDFGTG SNGDPRSPDS LHYISPNGVN EYLTALWSVG LVIQDYDADK MFPAFGFGAQ IPPQWQVSHE FPMNPNPSNP YCNGIQGIVE AYRSCLPQIK LYGPTNFSPI INHVARFAAA ATQQQTASQY FVLLIITDGV ITDLDETRQA IVNASRLPMS IIVGVGGAD FSAMEFLDGD GGSLRSPLGE VAIRDIVQFV PFRQFQNA PK EALAQCVLAE IPQQVVG YFN TYKLLPPKNP ATKQKQK <b>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</b>

## Product Details

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**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:

Copine III (CPNE3)

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### Alternative Name:

CPNE3 ([CPNE3 Products](#))

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### Background:

Copine-3 (Copine III),FUNCTION: Calcium-dependent phospholipid-binding protein that plays a role in ERBB2-mediated tumor cell migration in response to growth factor heregulin stimulation (PubMed:20010870). {ECO:0000269|PubMed:20010870}.

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### Molecular Weight:

60.1 kDa

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### UniProt:

[075131](#)

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## 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.

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### Restrictions:

For Research Use only

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## 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