



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### CCNH (Human) Recombinant Protein (P01)

**Catalog Number:** H00000902-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human CCNH full-length ORF ( NP\_001230.1, 1 a.a. - 323 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MYHNSSQKRHWTFSSSEQLARLRADANRKFRC KAVA  
NGKVLPNDFVLEPHEEMTLCKYYEKRLLEFCSVFKP  
AMPRSVVGTACMYFKRFYLNNSVMEYHPRIIMLTCAFL  
ACKVDEFNVSSPQFVGNLRESPLGQEKALEQILEYELL  
LIQQLNFHLIVHNPYPFEGFLIDLKTRYPILENPEILRKT  
ADDFLNRIALTDAYLLYTPSQIALTAILSSASRAGITMES  
YLSESLMLKENRTCLSQLLDIMKSMRNLVKKYEPPRSE  
EVAVLKQKLERCHSAELALNVITKKRKGYEDDDYVSKK  
SKHEEEEWTDDDLVESL

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 64

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 902

**Gene Symbol:** CCNH

**Gene Alias:** CAK, p34, p37

**Gene Summary:** The protein encoded by this gene belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. This cyclin forms a complex with CDK7 kinase and ring finger protein MAT1. The kinase complex is able to phosphorylate CDK2 and CDC2 kinases, thus functions as a CDK-activating kinase (CAK). This cyclin and its kinase partner are components of TFIIH, as well as RNA polymerase II protein complexes. They participate in two different transcriptional regulation processes, suggesting an important link between basal transcription control and the cell cycle machinery. [provided by RefSeq]