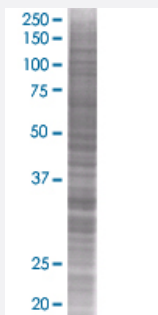


CCNH 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000902-T01

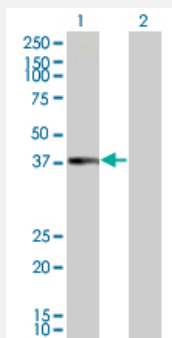
Size 100 uL

Applications



SDS-PAGE Gel

CCNH transfected lysate



Western Blot

Lane 1: CCNH transfected lysate (37.6 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-CCNH full-length

Host Human

Theoretical MW (kDa) 37.6

Quality Control Testing Transient overexpression cell lysate was tested with Anti-CCNH antibody ([H00000902-B01](#)) by Western Blots.
 SDS-PAGE Gel
 CCNH transfected lysate
 Western Blot
 Lane 1: CCNH transfected lysate (37.6 KDa).
 Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — CCNH

Entrez GeneID[902](#)**GeneBank Accession#**[NM_001239](#)**Protein Accession#**[NP_001230](#)**Gene Name**

CCNH

Gene Alias

CAK, p34, p37

Gene Description

cyclin H

Omim ID[601953](#)**Gene Ontology**[Hyperlink](#)**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]

Other Designations

CDK-activating kinase|MO15-associated protein|cyclin-dependent kinase-activating kinase

Pathway

- [Cell cycle](#)
- [Nucleotide excision repair](#)

Disease

- [Adenoma](#)
- [Ataxia telangiectasia](#)
- [Biliary Tract Neoplasms](#)
- [Brain Neoplasms](#)
- [Carcinoma](#)
- [Colorectal Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Glioma](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Meningioma](#)
- [Mouth Neoplasms](#)
- [Multiple Sclerosis](#)
- [Neoplasm Invasiveness](#)
- [Neoplasms](#)
- [Neuroma](#)
- [Ovarian cancer](#)
- [Precancerous Conditions](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)