

# Recombinant mouse CNOT7 protein

Catalog Number: ATGP1176

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-248aa

### UniProt No.

Q3TLK9

### NCBI Accession No.

BAE38783

### Alternative Names

CCR4-Not transcription complex subunit 7, CCR4-Not transcription complex, subunit 7, CAF-1

## PRODUCT SPECIFICATION

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### Molecular Weight

31.1 kDa (271aa) confirmed by MALDI-TOF

### Concentration

1mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 1mM DTT

### Purity

> 80% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

CNOT7, also known as CCR4-Not transcription complex, subunit 7, is a ubiquitous transcription factor. It is a component of the CCR4 complex which functions as a general transcription regulation complex. CNOT7 also binds to an anti-proliferative protein, B-cell translocation protein 1 (BTG1), which negatively regulates cell proliferation. Recombinant mouse CNOT7 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

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### Amino acid Sequence

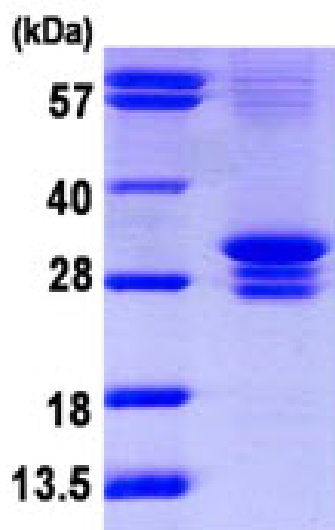
MGSSHHHHHH SSSLVPRGSH MGSMPAATVD HSQRICEVWA CNLDEEMKKI RQVIRKYNVY AMDTEFPGVV ARPIGEFRSN  
ADYQYQLLRC NVDLLKIIQL GLTFMNEQGE YPPGTSTWQF NKFNLTEDM YAQDSIELLT TSGIQFKKHE EEGIETQYFA  
ELLMTSGVVL CEGVKWLSFH SGYDFGYLIK ILTNSNLPEE ELDFFEILRL FFPVIYDVKY LMKSCKNLKM FFEDHIDDAK  
YCGHLYGLGS GSSYVQNGTG NAYEEEASKQ S

### General References

Draper M.P., et al. (1995) Mol. Cell. Biol. 15:3487-3495  
Bogdan JA, et al. (1998) Biochem J. 336 ( Pt 2):471-81

## DATA

### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)