

Recombinant human CNOT8 protein

Catalog Number: ATGP2161

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-292aa

UniProt No.

Q9UFF9

NCBI Accession No.

NP_004770

Alternative Names

CCR4-NOT transcription complex subunit 8, CAF1, CALIF, hCAF1, POP2

PRODUCT SPECIFICATION

Molecular Weight

35.9 kDa (315aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

Purity

> 85% 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

Description

CNOT8 belongs to the CAF1 family. It is a ubiquitous transcription factor required for a diverse set of processes and functions as part of the CCR-NOT complex. The CCR4-NOT complex functions as general transcription regulation complex. This complex contains CHAF1A, CHAF1B, CNOT1, CNOT2, CNOT3, CNOT4, CNOT6 and CNOT8 and binds BTG2. Recombinant human CNOT8 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

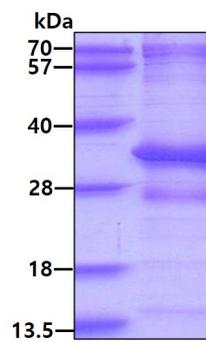
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IDYQYQLLRC NVDLLKIIQL GLTFTNEKGE YPSGINTWQF NFKFNLTEDM YSQDSIDLLA NSGLQFQKHE EEGIDTLHFA
ELLMTSGVVL CDNVKWLFSFH SGYDFGYMVK LLTDSRLPEE EHEFFHILNL FFPSIYDVKY LMKSCKNLKG GLQEVDQLD
LQRIGRQHQA GSDSLLTGMA FFRMKELFFE DSIDDAKYCG RLYGLGTGVA QKQNEVDVSA QEKMSILAI NNMQQ

General References

Morel A.-P., et al. (2003) J. Cell Sci. 116:2929-2936
Albert T.K., et al. (2000) Nucleic Acids Res. 28:809-817

DATA

SDS-PAGE



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