

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

<MGSSHHHHHH SSGLVPRGSH MGS>MPAALVE NSQVICEVWA SNLEEEMRKI REIVLSYSYI AMDTEFPGVV VRPIGEFRSS
IDYQYQLLRC NVDLLKIIQL GLTFTNEKGE YPSGINTWQF NKFNLTEDM YSQDSIDLLA NSGLQFQKHE EEGIDTLHFA
ELLMTSGVVL CDNVKWLFSFH SGYDFGYMVK LLTDSRLPEE EHEFFHILNL FFPSIYDVKY LMKSCKNLKG GLQEVDQLD
LQRIGRQHQA GSDSLLTGMA FFRMKELFFE DSIDDAKYCG RLYGLGTGVA QKQNEVDVSA QEKMSILAI NNMQQ

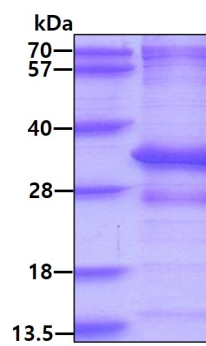
General References

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.