

**CNOT8, 1-292aa, Human, His tag, E.coli**

**Cat.NO.: TP01665**

3th Edition

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

**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.

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

**Molecular Weight:**35.9 kDa (315aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSMMPAALVENSQVICEVWASNLEEEMRKIREIVLSYSYIAMDTEFPGVVVRPIGE  
FRSSIDYQYQLLR CNVDLLKIIQLGLTFTNEKGEYPSGINTWQFNFKFNLTEDMYSQDSIDLLANGLQFQKHEEEGI  
DTLHFAELLMTSGVVLCDNVKWLSFHSGYDFGYMVKLLTDSRLPEEEHEFFHILNLFFPSIYDV KYLMKSKNLKGG  
LQEVADQLDLQRIGRQHQAGSDSLLTGMAFFRMKELFFEDSIDDAKYCGRLYGLGTGVAQKQNEVDVSAQEKMSI  
LAIINNMQQ

**Purity:**> 95% by HPLC

**Concentration:**0.25 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.