

## CNOT7 Mouse

**Description:** CNOT7 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 271 amino acids (1-248 a.a) and having a molecular mass of 31.1kDa. CNOT7 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Catalog #:** PRPS-915

For research use only.

**Synonyms:** CCR4-NOT transcription complex subunit 7, Cnot7, Caf1, Pop2, AU022737.

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile Filtered colorless solution.

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MGSMPAATVD HSQRICEVWA  
CNLDEEMKKI RQVIRKYNVY AMDTEFPGVV ARPIGEFRSN ADYQYQLLRC NVDLLKIIQL  
GLTFMNEQGE YPPGTSTWQF NKFNLTEDM YAQDSIELLT TSGIQFKKHE EEGIETQYFA  
ELLMTSGVVL CEGVKWLSFH SGYDFGYLIK ILTNSNLPEE ELDFFEILRL FFPVIYDVKY  
LMKSCKNLKM FF

**Purity:** Greater than 80.0% as determined by SDS-PAGE.

**Formulation:**

CNOT7 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol and 1mM DTT.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

CCR4-Not transcription complex, subunit 7 (CNOT7) is a ubiquitous transcription factor. CNOT7 is a component of the CCR4 complex which functions as a general transcription regulation complex. Furthermore, CNOT7 binds to an anti-proliferative protein, BTG1 (B-cell translocation protein 1), which negatively regulates cell proliferation.

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