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**Product Data Sheet**


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Product Name: CNOT7 Mouse  
 Cat. No.: GP23191  
 Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	CCR4-NOT transcription complex subunit 7; Cnot7; Caf1; Pop2; AU022737.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMPAATVD HSQRICEVWA CNLDEEMKKI RQVIRKYNVYV AMDTEFPGVV ARPIGEFRSN ADYQYQLLRC NVDLLKIIQL GLTFMNEQGE YPPGTSTWQF NFKFNLTEDM YAQDSIELLT TSGIQFKKHE EEGIETQYFA ELLMTSGVVL CEGVKWLSFH SGYDFGYLIK ILTNSNLPEE ELDFFEILRL FFPVIYDVKY LMKSCNLKM FFEDHIDDAK YCGHLYGLGS GSSYVQNGTG NAYEEEASKQ S.		
Formulation	CNOT7 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol and 1mM DTT.		

**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.

**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.

**Background**

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

**Caution: Product has not been fully validated for medical applications. For research use only.**

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proprietary chromatographic techniques.

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