
Product Data Sheet

Product Name: CNOT8 Human
 Cat. No.: GP23190
 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 8; CAF1; CALIF; hCAF1; POP2; CAF1-like protein; CAF2; CCR4-associated factor 8; Caf1b; CNOT8.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMPAALVE NSQVICEVWA SNLEEEMRKI REIVLSYSYI AMDTEFPGVV VRPIGEFRSS IDYQYQLLRC NVDLLKIIQL GLTFTNEKGE YPSGINTWQF NFKFNLTEDM YSQDSIDLLA NSGLQFQKHE EEGIDTLHFA ELLMTSGVVL CDNVKWLSFH SGYDFGYMVK LLTDSRLPEE EHEFFHILNL FFPSIYDVKY LMKSCKNLKG GLQEVAADQLD LQRIGRQHQA GSDSLLTGMA FFRMKELFFE DSIDDAKYCG RLYGLGTGVA QKQNEVDVSA QEKMSILAI NNMQQ.		
Formulation	The CNOT8 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.		

Introduction

CCR4-NOT Transcription Complex, Subunit 8 (CNOT8) is a part of the CAF1 family. CNOT8 is a ubiquitous transcription factor necessary for a varied set of processes and functions as part of the CCR-NOT complex. The CCR4-NOT complex which functions as general transcription regulation complex binds BTG2 and holds CHAF1A, CHAF1B, CNOT1, CNOT2, CNOT3, CNOT4, CNOT6 and CNOT8

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

CNOT8 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide

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

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chain containing 315 amino acids (1-292) and having a molecular mass of 35.9 kDa. CNOT8 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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