

Recombinant Human CNOT7 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CNOT7-4189H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CNOT7 MS Standard C13 and N15-labeled recombinant protein (NP_037486) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene binds to an anti-proliferative protein, B-cell translocation protein 1, which negatively regulates cell proliferation. Binding of the two proteins, which is driven by phosphorylation of the anti-proliferative protein, causes signaling events in cell division that lead to changes in cell proliferation associated with cell-cell contact. The encoded protein downregulates the innate immune response and therefore provides a therapeutic target for enhancing its antimicrobial activity against foreign agents. Alternative splicing of this gene results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 1 and X.
Molecular Mass	32.7 kDa
AA Sequence	MPAATVDHSQRICEVWACNLDEEMKKIRQVIRKYNVAMDTEFPGVVARPIGEFRS NADYQYQLLRNCNVDLLKIIQLGLTFMNEQGEYPPGTSTWQFNFKFNLTEDMYAQDSI ELLTTSIGIQFKHEEEGIETQYFAELLMTSGVVLCEGVKWLFSFHSGYDFGYLIKILTNS NLPEEELDFFEILRLFFPVIYDVKYLKMKCKNLKGGLQEVAEQLELERIGPQHQAGSD

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SLLTGMAFFKMREMFFEDHIDDAKYCGHLYGLGSGSSYVQNGTGNAYEEEEANKQS
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [CNOT7 CCR4-NOT transcription complex subunit 7 \[Homo sapiens \(human\) \]](#)

Official Symbol [CNOT7](#)

Synonyms CNOT7; CCR4-NOT transcription complex, subunit 7; CAF1; CCR4-NOT transcription complex subunit 7; BTG1 binding factor 1; CAF-1; BTG1-binding factor 1; CCR4-associated factor 1; carbon catabolite repressor protein (CCR4)-associative factor 1; hCAF-1;

Gene ID [29883](#)

mRNA Refseq [NM_013354](#)

Protein Refseq [NP_037486](#)

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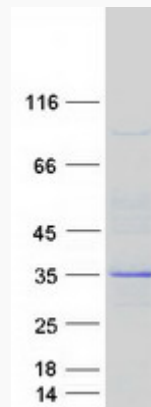
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MIM 604913

UniProt ID Q9UIV1

SDS-PAGE



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