

Recombinant Full Length Human CNOT7 Protein, C-Flag-tagged

Cat. No. CNOT7-358HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CNOT7 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	32.6 kDa
AA Sequence	MPAATVDHSQRICEVWACNLDEEMKKIRQVIRKYNVAMDTEFPGVVARPIGEFRS NADYQYQLLR CNVD LLKIIQLGLTFMNEQGEYPPGTSTWQFNFKFNLTEDMYAQDS IELLTSGIQFKKHEEEGIETQYFAELL MTSGVVLCEGVKWL SFHSGYDFGYLIKILT N

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SNLPEEELDFFEILRLFFPVIYDVKYLMSCKNLKGGGLQ EVAEQLELERIGPQHQAQ
SDSLLTGMAFFKMREMFFEDHIDDAKYCGHLYGLSGSSYVQNGTGNAYEEE
ANKQSTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transcription Factors
Protein Pathways	RNA degradation
Full Length	Full L.

GENE INFORMATION

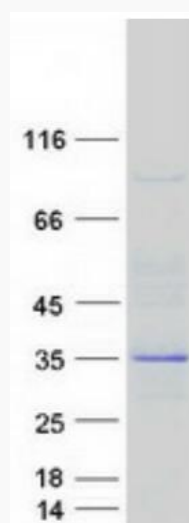
Gene Name	CNOT7 CCR4-NOT transcription complex subunit 7 [Homo sapiens (human)]
Official Symbol	CNOT7
Synonyms	CAF1; CAF-1; Caf1a; hCAF-1
Gene ID	29883

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mRNA Refseq	NM_013354.7
Protein Refseq	NP_037486.2
MIM	604913
UniProt ID	Q9UIV1



Coomassie blue staining of purified CNOT7 protein.