

Product datasheet for **TP309293M**

CNOT7 (NM_013354) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human CCR4-NOT transcription complex, subunit 7 (CNOT7), transcript variant 1, 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC209293 protein sequence
Red=Cloning site **Green**=Tags(s)

MPAATVDHSQRICEVWACNLDEEMKKIRQVIRKYNVYVAMDTEFPGVWARPIGEFRSNADYQYQLLRNVN
LLKIIQLGLTFMNEQGEYPPGTSTWQFNFKNLTEDMYAQDSIELLTTSGIQFKKHEEEGIETQYFAELL
MTSGVVLCEGVKWLFSHSGYDFGYLIKILTNSNLPEEELDFEILRLFFPVIYDVKYLMSCKNLKGGGLQ
EVAEQLELERIGPQHQAQAGSDSLTGMFAFFKMREMFFEDHIDDAKYCGHLYGLGSGSSYVQNGTGNAYEEE
ANKQS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 32.6 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

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

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_037486](#)

Locus ID: 29883



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UniProt ID: [Q9UIV1](#), [Q96IQ6](#)

RefSeq Size: 2646

Cytogenetics: 8p22

RefSeq ORF: 855

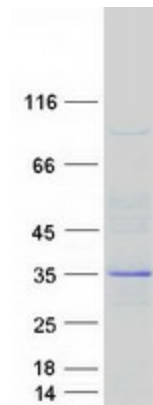
Synonyms: CAF-1; CAF1; Caf1a; hCAF-1

Summary: 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. [provided by RefSeq, Apr 2016]

Protein Families: Transcription Factors

Protein Pathways: RNA degradation

Product images:



Coomassie blue staining of purified CNOT7 protein (Cat# [TP309293]). The protein was produced from HEK293T cells transfected with CNOT7 cDNA clone (Cat# [RC209293]) using MegaTran 2.0 (Cat# [TT210002]).