

Product datasheet for PH309293

CNOT7 (NM_013354) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CNOT7 MS Standard C13 and N15-labeled recombinant protein (NP_037486)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209293
Predicted MW:	32.7 kDa
Protein Sequence:	>RC209293 protein sequence Red=Cloning site Green=Tags(s)

MPAATVDHSQRICEVWACNLDEEMKKIRQVIRKYNVAMDTFPGVVARPIGEFRSNADYQYQLLR CNVD
LLKIIQLGLTFMNEQGEYPPGTSTWQFNFKFNLTEDMYAQDSIELLTTSGIQFKKHEEEGIETQYFAELL
MTSGVVLCEGVKWL SFHSGYDFGYLIKILTNSNLPEEELDFEILRLFFPVIYDVKYLKMSCKNLKGG LQ
EVAEQLELERIGPQHQA GSDSLLTGMAFFKMREMFFEDHIDDAKYCGHLYGLGSGSSYVQNGTGNAYEE E
ANKQS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_037486
RefSeq Size:	2646
RefSeq ORF:	855
Synonyms:	CAF-1; CAF1; Caf1a; hCAF-1
Locus ID:	29883



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

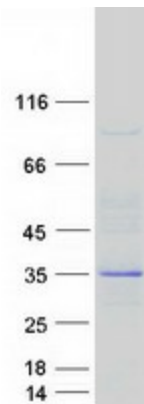
Cytogenetics: 8p22

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]).