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Product datasheet for RC209293L3V

CNOT7 (NM_013354) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CNOT7 (NM_013354) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CNOT7
Synonyms:	CAF-1; CAF1; Caf1a; hCAF-1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_013354
ORF Size:	855 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC209293).`
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_013354.5
RefSeq Size:	2646 bp
RefSeq ORF:	858 bp
Locus ID:	29883
UniProt ID:	Q9UIV1
Cytogenetics:	8p22
Domains:	CAF1
Protein Families:	Transcription Factors

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Protein Pathways: RNA degradation

MW: 32.7 kDa

Gene 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]