

Product datasheet for **KN209293LP**

CNOT7 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control
Donor DNA:	Luciferase-Puro
Symbol:	CNOT7
Locus ID:	29883
Components:	KN209293G1 , CNOT7 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN209293G2 , CNOT7 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN209293LPD , donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette. GE100003 , scramble sequence in pCas-Guide vector
RefSeq:	NM_013354 , NM_054026 , NM_001322087 , NM_001322088 , NM_001322089 , NM_001322090 , NM_001322091 , NM_001322092 , NM_001322093 , NM_001322094 , NM_001322095 , NM_001322096 , NM_001322097 , NM_001322098 , NM_001322099 , NM_001322100
UniProt ID:	Q9UIV1
Synonyms:	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]



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Product images:

