

Product datasheet for **KN209568RB**

CD73 (NT5E) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control
Donor DNA:	RFP-BSD
Symbol:	CD73
Locus ID:	4907
Components:	KN209568G1 , CD73 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN209568G2 , CD73 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN209568RBD , donor DNA containing left and right homologous arms and RFP-BSD functional cassette. GE100003 , scramble sequence in pCas-Guide vector

Disclaimer: These products are manufactured and supplied by OriGene under license from ERS. The kit is designed based on the best knowledge of CRISPR technology. The system has been functionally validated for knocking-in the cassette downstream the native promoter. The efficiency of the knock-out varies due to the nature of the biology and the complexity of the experimental process.

RefSeq: [NM_001204813](#), [NM_002526](#)

UniProt ID: [P21589](#)

Synonyms: CALJA; CD73; E5NT; eN; eNT; NT; NT5; NTE

Summary: The protein encoded by this gene is a plasma membrane protein that catalyzes the conversion of extracellular nucleotides to membrane-permeable nucleosides. The encoded protein is used as a determinant of lymphocyte differentiation. Defects in this gene can lead to the calcification of joints and arteries. Two transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Mar 2011]



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Product images:

