

Product datasheet for KN209568RB

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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-BSDSymbol:CD73Locus 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; 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

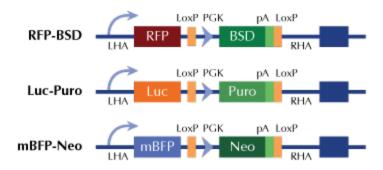
have been found for this gene.[provided by RefSeq, Mar 2011]





Product images:

Donor Vector Edited Chromosome



RFP, Luc, and mBFP will be under native gene promoter