

Product datasheet for KN202756BN

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CD69 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control

Donor DNA: mBFP-Neo

Symbol: CD69 Locus ID: 969

Components: KN202756G1, CD69 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN202756G2, CD69 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN202756BND, donor DNA containing left and right homologous arms and mBFP-Neo

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: <u>NM 001781, NR 026671, NR 026672</u>

UniProt ID: Q07108

Synonyms: AIM; BL-AC/P26; CLEC2C; EA1; GP32/28; MLR-3

Summary: This gene encodes a member of the calcium dependent lectin superfamily of type II

transmembrane receptors. Expression of the encoded protein is induced upon activation of T

lymphocytes, and may play a role in proliferation. Furthermore, the protein may act to transmit signals in natural killer cells and platelets. [provided by RefSeq, Aug 2011]



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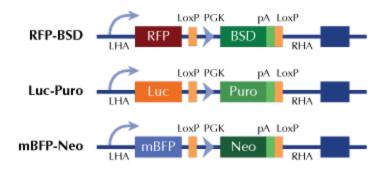
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Product images:

Donor Vector Edited Chromosome



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