

Product datasheet for KN201231BN

CD7 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

CD7 Symbol: 924 Locus ID:

KN201231G1, CD7 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN201231G2, CD7 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN201231BND, 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: NM 006137

UniProt ID: P09564

Synonyms: GP40; LEU-9; Tp40; TP41

Summary: This gene encodes a transmembrane protein which is a member of the immunoglobulin

> superfamily. This protein is found on thymocytes and mature T cells. It plays an essential role in T-cell interactions and also in T-cell/B-cell interaction during early lymphoid development.

[provided by RefSeq, Jul 2008]



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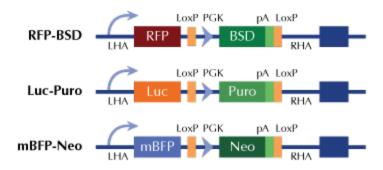
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Product images:

Donor Vector Edited Chromosome



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