

Product datasheet for KN213287LP

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CLEC5A 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: CLEC5A Locus ID: 23601

Components: KN213287G1, CLEC5A gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN213287G2, CLEC5A gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN213287LPD, donor DNA containing left and right homologous arms and Luciferase-Puro

functional cassette.

GE100003, scramble sequence in pCas-Guide vector

RefSeq: <u>NM 001301167</u>, <u>NM 013252</u>

UniProt ID: Q9NY25

Synonyms: CLECSF5; MDL-1; MDL1

Summary: This gene encodes a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD)

superfamily. Members of this family share a common protein fold and have diverse functions, such as cell adhesion, cell-cell signalling, glycoprotein turnover, and roles in inflammation and

immune response. The encoded type II transmembrane protein interacts with dnax-activation protein 12 and may play a role in cell activation. Alternative splice variants have been described but their full-length sequence has not been determined. [provided by RefSeq,

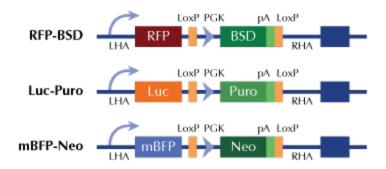
Jul 2008]





Product images:

Donor Vector Edited Chromosome



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