

## Product datasheet for **KN210857**

### CLECL1 Human Gene Knockout Kit (CRISPR)

#### Product data:

**Product Type:** Knockout Kits (CRISPR)  
**Format:** 2 gRNA vectors, 1 GFP-puro donor, 1 scramble control  
**Donor DNA:** GFP-puro  
**Symbol:** CLECL1  
**Locus ID:** 160365  
**Components:** **KN210857G1**, CLECL1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: TCTCGAATACTTGTATGACA  
**KN210857G2**, CLECL1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GGAAGTCCACCACCCACTTG  
**KN210857D**, donor DNA containing left and right homologous arms and GFP-puro functional cassette.

Homologous arm and GFP-puro sequences:

pUC vector backbone in gray; **Left arm sequence in blue**; **GFP-puro in green**; **Right arm in violet**

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 TACAGGCATC GTGGTGTAC GCTCGTCGTT TGGTATGGCT TCATTCAGCT CCGGTTCCCA ACGATC

**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\\_001253748](#), [NM\\_001253750](#), [NM\\_001267701](#), [NM\\_172004](#)

**UniProt ID:**

[Q8IZS7](#)

**Synonyms:**

DCAL1

**Summary:**

This gene encodes a type II transmembrane, C-type lectin-like protein that is highly expressed on dendritic and B cells. This protein may act as a T-cell costimulatory molecule that enhances interleukin-4 production, and maybe involved in the regulation of the immune response. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]

Product images:

