

Product datasheet for KN214134BN

CDON 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: CDON Locus ID: 50937

Components: KN214134G1, CDON gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN214134G2, CDON gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN214134BND, 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 001243597</u>, <u>NM 016952</u>

UniProt ID: Q4KMG0

Synonyms: CDO; CDON1; HPE11; ORCAM

Summary: This gene encodes a cell surface receptor that is a member of the immunoglobulin

superfamily. The encoded protein contains three fibronectin type III domains and five immunoglobulin-like C2-type domains. This protein is a member of a cell-surface receptor complex that mediates cell-cell interactions between muscle precursor cells and positively

regulates myogenesis. [provided by RefSeq, Aug 2011]



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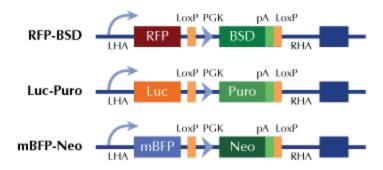
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Product images:

Donor Vector Edited Chromosome



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