

Product datasheet for **KN214134**

CDON 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:	CDON
Locus ID:	50937
Components:	<p>KN214134G1, CDON gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GTACATAAGGGTCCAAGATC</p> <p>KN214134G2, CDON gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: TTCAGGTAAGAGTAGAATTG</p> <p>KN214134D, donor DNA containing left and right homologous arms and GFP-puro functional cassette.</p>

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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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_001243597](#), [NM_016952](#)

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]

Product images:

