

Product datasheet for **KN205614**

COMMD1 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: COMMD1
Locus ID: 150684
Components: **KN205614G1**, COMMD1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CGCATTTCAGCAGCCCCGCTCA
KN205614G2, COMMD1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CGGGTACCCCGCATCACAG
KN205614D, 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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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_001321781](#), [NM_001321782](#), [NM_152516](#)

UniProt ID:

[Q8N668](#)

Synonyms:

C2orf5; MURR1

Summary:

COMMD1 is a regulator of copper homeostasis, sodium uptake, and NF-kappa-B (see MIM 164011) signaling (de Bie et al., 2005 [PubMed 16267171]).[supplied by OMIM, Sep 2009]

Product images:

