

Product datasheet for **KN213265RB**

CTNNA3 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control

Donor DNA: RFP-BSD

Symbol: CTNNA3

Locus ID: 29119

Components: **KN213265G1**, CTNNA3 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)
KN213265G2, CTNNA3 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)
KN213265RBD, donor DNA containing left and right homologous arms and RFP-BSD 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: [NM_001127384](#), [NM_001291133](#), [NM_013266](#)

UniProt ID: [Q9UI47](#)

Synonyms: ARVD13; VR22

Summary: This gene encodes a protein that belongs to the vinculin/alpha-catenin family. The encoded protein plays a role in cell-cell adhesion in muscle cells. Mutations in this gene are associated with arrhythmogenic right ventricular dysplasia, familial 13. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2014]



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Product images:
