

Product datasheet for KN203463RB

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CUL4A 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-BSDSymbol:CUL4ALocus ID:8451

Components: KN203463G1, CUL4A gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN203463G2, CUL4A gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN203463RBD, 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 001008895, NM 001278513, NM 001278514, NM 003589, NM 001354938,

NM 001354939, NM 001354940, NM 001354941, NM 001354942, NM 001354943,

NM 001354944

UniProt ID: Q13619

Synonyms: cullin 4A; OTTHUMP00000018753; OTTHUMP00000018754

Summary: CUL4A is the ubiquitin ligase component of a multimeric complex involved in the degradation

of DNA damage-response proteins (Liu et al., 2009 [PubMed 19481525]).[supplied by OMIM,

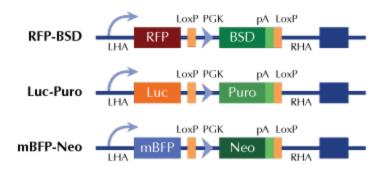
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Product images:

Donor Vector Edited Chromosome



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