

Product datasheet for KN203463BN

CUL4A 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

CUL4A Symbol:

Locus ID: 8451

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

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

KN203463BND, 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: 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,

Oct 2009]



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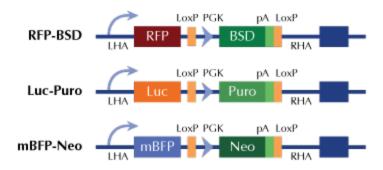
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Product images:

Donor Vector Edited Chromosome



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