

Product datasheet for KN209794BN

CRBN 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

Symbol: CRBN Locus ID: 51185

KN209794G1, CRBN gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN209794G2, CRBN gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN209794BND, 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.

NM 001173482, NM 016302 RefSeq:

UniProt ID: Q96SW2

Synonyms: MRT2; MRT2A

Summary: This gene encodes a protein related to the Lon protease protein family. In rodents and other

mammals this gene product is found in the cytoplasm localized with a calcium channel

membrane protein, and is thought to play a role in brain development. Mutations in this gene are associated with autosomal recessive nonsyndromic cognitive disability. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar

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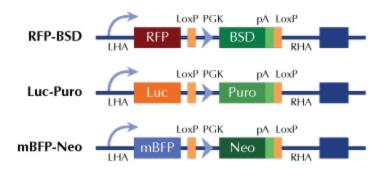
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Product images:

Donor Vector Edited Chromosome



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