

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
Components:	<p>KN209794G1, CRBN gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN209794G2, CRBN gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN209794BND, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette.</p> <p>GE100003, scramble sequence in pCas-Guide vector</p>
Disclaimer:	<p>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.</p>
RefSeq:	NM_001173482 , NM_016302
UniProt ID:	Q96SW2
Synonyms:	MRT2; MRT2A
Summary:	<p>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 2010]</p>



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Product images:

