

Product datasheet for KN204968RB

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CREB3L1 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:CREB3L1Locus ID:90993

Components: KN204968G1, CREB3L1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN204968G2, CREB3L1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) **KN204968RBD**, 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 052854

 UniProt ID:
 Q96BA8

 Synonyms:
 OASIS

Summary: The protein encoded by this gene is normally found in the membrane of the endoplasmic

reticulum (ER). However, upon stress to the ER, the encoded protein is cleaved and the released cytoplasmic transcription factor domain translocates to the nucleus. There it

activates the transcription of target genes by binding to box-B elements. [provided by RefSeq,

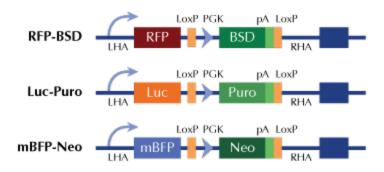
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Product images:

Donor Vector Edited Chromosome



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