

Product datasheet for KN204048RB

Ku70 (XRCC6) 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-BSD** Ku70 Symbol: 2547 Locus ID: KN204048G1, Ku70 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) **Components:** KN204048G2, Ku70 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN204048RBD, 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 001288976, NM 001288977, NM 001288978, NM 001469 **UniProt ID:** P12956 Synonyms: CTC75; CTCBF; G22P1; KU70; ML8; TLAA Summary: The p70/p80 autoantigen is a nuclear complex consisting of two subunits with molecular masses of approximately 70 and 80 kDa. The complex functions as a single-stranded DNAdependent ATP-dependent helicase. The complex may be involved in the repair of nonhomologous DNA ends such as that required for double-strand break repair, transposition, and V(D)J recombination. High levels of autoantibodies to p70 and p80 have been found in some patients with systemic lupus erythematosus. [provided by RefSeq, Jul 2008]

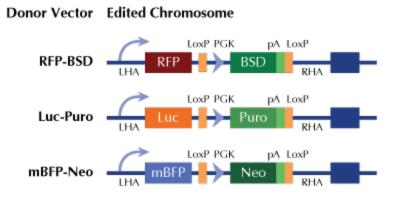


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Product images:



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

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