

Product datasheet for KN208507RB

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com

OriGene Technologies, Inc.

techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

NKRF 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:NKRFLocus ID:55922

Components: KN208507G1, NKRF gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN208507G2, NKRF gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN208507RBD, 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: <u>NM 001173487, NM 001173488, NM 017544</u>

UniProt ID: O15226
Synonyms: ITBA4; NRF

Summary: This gene encodes a transcriptional repressor that interacts with specific negative regulatory

elements to mediate transcriptional repression of certain nuclear factor kappa B responsive genes. The protein localizes predominantly to the nucleolus with a small fraction found in the

nucleoplasm and cytoplasm. Alternate splicing results in multiple transcript variants.

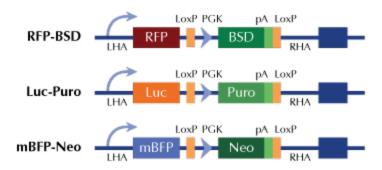
[provided by RefSeq, Mar 2010]





Product images:

Donor Vector Edited Chromosome



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