

Product datasheet for KN206461BN

RBM7 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

RBM7 Symbol: Locus ID: 10179

KN206461G1, RBM7 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN206461G2, RBM7 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN206461BND, donor DNA containing left and right homologous arms and mBFP-Neo

functional cassette.

GE100003, scramble sequence in pCas-Guide vector

RefSeq: NM 001286045, NM 001286046, NM 001286047, NM 001286048, NM 016090

UniProt ID: Q9Y580

Summary: Subunit of the trimeric nuclear exosome targeting (NEXT) complex, a complex that directs a

subset of non-coding short-lived RNAs for exosomal degradation. The RNA exosome is

fundamental for the degradation of RNA in eukaryotic nuclei. Substrate targeting is facilitated by its cofactor MTREX, which links to RNA-binding protein adapters (PubMed:27871484). Possible involved in germ cell RNA processing and meiosis (Probable).[UniProtKB/Swiss-Prot

Function]



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Product images:

Donor Vector Edited Chromosome



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