

Product datasheet for KN214846BN

TMEM132A 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: TMEM132A

54972 Locus ID:

KN214846G1, TMEM132A gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

> KN214846G2, TMEM132A gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN214846BND, donor DNA containing left and right homologous arms and mBFP-Neo

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 017870, NM 178031

UniProt ID: Q24JP5

Synonyms: GBP; HSPA5BP1

Summary: This gene encodes a protein that is highly similar to the rat Grp78-binding protein (GBP).

Alternatively spliced transcript variants encoding different isoforms have been described.

[provided by RefSeq, Jul 2008]



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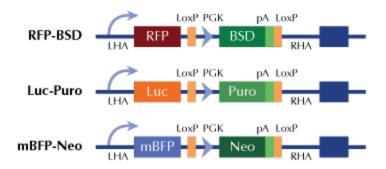
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Product images:

Donor Vector Edited Chromosome



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