

Product datasheet for KN214846LP

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TMEM132A Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control

Donor DNA: Luciferase-Puro

Symbol: TMEM132A

Locus ID: 54972

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

KN214846G2, TMEM132A gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN214846LPD, donor DNA containing left and right homologous arms and Luciferase-Puro

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 017870</u>, <u>NM 178031</u>

UniProt ID: Q24JP5

Synonyms: GBP; HSPA5BP1

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

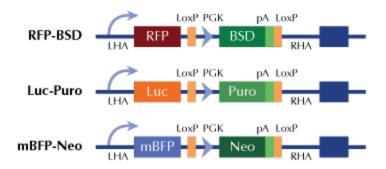
Alternatively spliced transcript variants encoding different isoforms have been described.

[provided by RefSeq, Jul 2008]



Product images:

Donor Vector Edited Chromosome



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