

Product datasheet for **KN214846**

TMEM132A Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 GFP-puro donor, 1 scramble control
Donor DNA:	GFP-puro
Symbol:	TMEM132A
Locus ID:	54972
Components:	<p>KN214846G1, TMEM132A gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GATGGCCGGTCGCACAACAG</p> <p>KN214846G2, TMEM132A gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CCAGGGCGAGGCCACCAGG</p> <p>KN214846D, donor DNA containing left and right homologous arms and GFP-puro functional cassette.</p>

Homologous arm and GFP-puro sequences:

pUC vector backbone in gray; **Left arm sequence in blue**; **GFP-puro in green**; **Right arm in violet**

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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]

Product images:

