

## Product datasheet for KN217531RB

# **USP9X 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-BSD USP9X Symbol: 8239 Locus ID:

**KN217531G1**, USP9X gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN217531G2, USP9X gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN217531RBD, 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: NM 001039590, NM 001039591, NM 004652, NM 021906

**UniProt ID:** 093008

Synonyms: DFFRX; FAF; FAM; MRX99; MRXS99F

Summary: This gene is a member of the peptidase C19 family and encodes a protein that is similar to

> ubiquitin-specific proteases. Though this gene is located on the X chromosome, it escapes Xinactivation. Mutations in this gene have been associated with Turner syndrome. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

[provided by RefSeq, Jul 2008]



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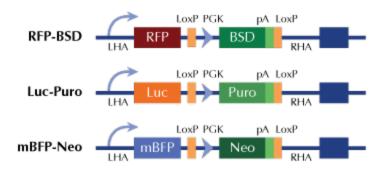
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## **Product images:**

### Donor Vector Edited Chromosome



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