

Product datasheet for KN217531BN

USP9X 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: USP9X

Locus ID: 8239

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

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

KN217531BND, 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: <u>NM 001039590, NM 001039591, NM 004652, NM 021906</u>

UniProt ID: Q93008

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 X-inactivation. 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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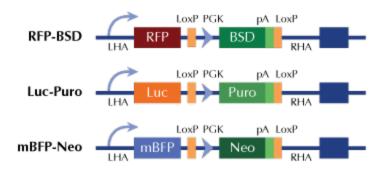
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Product images:

Donor Vector Edited Chromosome



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