

Product datasheet for **KN217531**

USP9X 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: USP9X
Locus ID: 8239
Components: **KN217531G1**, USP9X gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GTCGGAGGGAATGACAACCA
KN217531G2, USP9X gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: CCCCTCCAACAGAATCAGGT
KN217531D, donor DNA containing left and right homologous arms and GFP-puro functional cassette.

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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 TGGGGGATCA TGTAACCTCG CTT

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:

[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]

Product images:

