

Product datasheet for **KN208974**

USP38 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: USP38
Locus ID: 84640
Components: **KN208974G1**, USP38 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: ATCCTGGACTACATTCACAA
KN208974G2, USP38 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GCTGATTATGAGCTGTCCGT
KN208974D, 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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TGGCAACAAC GTTGCACAAA CTATTAACCTG GCGAACTACT TACTCTAGCT TCCCAGCAAC AATTAATAGA
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ATGGGGGATC ATGTAACCTG CCTT

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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_001290325](#), [NM_001290326](#), [NM_032557](#)

UniProt ID:

[Q8NB14](#)

Synonyms:

HP43.8KD

Summary:

Deubiquitinating enzyme exhibiting a preference towards 'Lys-63'-linked ubiquitin chains. [UniProtKB/Swiss-Prot Function]

Product images:

