

Product datasheet for **KN220888**

SOX17 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: SOX17
Locus ID: 64321
Components: **KN220888G1**, SOX17 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GCGCTGCCCGGGTATGGC
KN220888G2, SOX17 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GTCTGGCTCTGGTCGTAC
KN220888D, 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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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_022454](#)

UniProt ID:

[Q9H6I2](#)

Synonyms:

VUR3

Summary:

This gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. The encoded protein may act as a transcriptional regulator after forming a protein complex with other proteins. [provided by RefSeq, Jul 2008]

Product images:

