

Product datasheet for **KN208944LP**

SOX9 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control
Donor DNA:	Luciferase-Puro
Symbol:	SOX9
Locus ID:	6662
Components:	KN208944G1 , SOX9 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002), Target Sequence: GCTCGGACACCGAGAACACG KN208944G2 , SOX9 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002), Target Sequence: TCTGAAGAAGGAGAGCGAGG KN208944LPD , donor DNA containing left and right homologous arms and Luciferase-Puro 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_000346
UniProt ID:	P48436
Synonyms:	CMD1; CMPD1; SRA1; SRXX2; SRXY10
Summary:	The protein encoded by this gene recognizes the sequence CCTTGAG along with other members of the HMG-box class DNA-binding proteins. It acts during chondrocyte differentiation and, with steroidogenic factor 1, regulates transcription of the anti-Muellerian hormone (AMH) gene. Deficiencies lead to the skeletal malformation syndrome campomelic dysplasia, frequently with sex reversal. [provided by RefSeq, Jul 2008]



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Product images:
