

Product datasheet for **KN316514RB**

Sp7 Mouse Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control
Donor DNA:	RFP-BSD
Symbol:	Sp7
Locus ID:	170574
Components:	KN316514G1 , Sp7 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN316514G2 , Sp7 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN316514RBD , donor DNA containing left and right homologous arms and RFP-BSD 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_130458](#), [NM_001348205](#)

UniProt ID: [Q8VI67](#)

Synonyms: 6430578P22Rik; C22; Osx

Summary: Transcriptional activator essential for osteoblast differentiation. Binds to SP1 and EKLF consensus sequences and to other G/C-rich sequences.[UniProtKB/Swiss-Prot Function]



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Product images:

