

Product datasheet for **KN200144RB**

NSUN5 Human 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:	NSUN5
Locus ID:	55695
Components:	KN200144G1 , NSUN5 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN200144G2 , NSUN5 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN200144RBD , 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_001168347](#), [NM_001168348](#), [NM_018044](#), [NM_148956](#)

UniProt ID: [Q96P11](#)

Synonyms: NOL1; NOL1R; NSUN5A; p120; p120(NOL1); WBSCR20; WBSCR20A

Summary: This gene encodes a member of an evolutionarily conserved family of proteins that may function as methyltransferases. This gene is located in a larger region of chromosome 7 that is deleted in Williams-Beuren syndrome, a multisystem developmental disorder. There are two pseudogenes for this gene located in the same region of chromosome 7. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2013]



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Product images:

