

Product datasheet for **KN202833RB**

SIRT6 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:	SIRT6
Locus ID:	51548
Components:	KN202833G1 , SIRT6 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN202833G2 , SIRT6 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN202833RBD , donor DNA containing left and right homologous arms and RFP-BSD functional cassette. GE100003 , scramble sequence in pCas-Guide vector
RefSeq:	NM_001193285 , NM_001321058 , NM_001321059 , NM_001321060 , NM_001321061 , NM_001321062 , NM_001321063 , NM_001321064 , NM_016539
UniProt ID:	Q8N6T7
Synonyms:	SIR2L6
Summary:	This gene encodes a member of the sirtuin family of NAD-dependent enzymes that are implicated in cellular stress resistance, genomic stability, aging and energy homeostasis. The encoded protein is localized to the nucleus, exhibits ADP-ribosyl transferase and histone deacetylase activities, and plays a role in DNA repair, maintenance of telomeric chromatin, inflammation, lipid and glucose metabolism. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Mar 2016]



[View online »](#)

Product images:

