

Product datasheet for **KN211570LP**

REST 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:	REST
Locus ID:	5978
Components:	<p>KN211570G1, REST gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN211570G2, REST gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN211570LPD, donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette.</p> <p>GE100003, scramble sequence in pCas-Guide vector</p>
RefSeq:	NM_001193508 , NM_005612 , NM_001363453
UniProt ID:	Q13127
Synonyms:	NRSF; WT6; XBR
Summary:	<p>This gene was initially identified as a transcriptional repressor that represses neuronal genes in non-neuronal tissues. However, depending on the cellular context, this gene can act as either an oncogene or a tumor suppressor. The encoded protein is a member of the Kruppel-type zinc finger transcription factor family. It represses transcription by binding a DNA sequence element called the neuron-restrictive silencer element. The protein is also found in undifferentiated neuronal progenitor cells and it is thought that this repressor may act as a master negative regulator of neurogenesis. Alternatively spliced transcript variants have been described. [provided by RefSeq, May 2018]</p>



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Product images:

