Product datasheet for KN210381BN

Orexin Receptor 1 (HCRTR1) Human Gene Knockout Kit (CRISPR)

Product data:

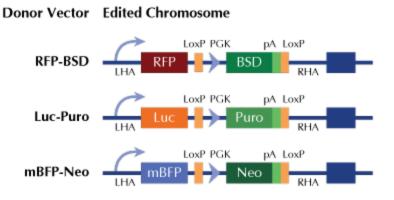|	
Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control
Donor DNA:	mBFP-Neo
Symbol:	Orexin Receptor 1
Locus ID:	3061
Components:	**KN210381G1**, Orexin Receptor 1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) **KN210381G2**, Orexin Receptor 1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) **KN210381BND**, donor DNA containing left and right homologous arms and mBFP-Neo 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_001525
UniProt ID:	O43613
Synonyms:	OX1R
Summary:	The protein encoded by this gene is a G-protein coupled receptor involved in the regulation of feeding behavior. The encoded protein selectively binds the hypothalamic neuropeptide orexin A. A related gene (HCRTR2) encodes a G-protein coupled receptor that binds orexin A and orexin B. [provided by RefSeq, Jan 2009]

View online »

Product images:

RFP, Luc, and mBFP will be under native gene promoter