Product datasheet for KN221060RB

CHD7 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:	CHD7
Locus ID:	55636
Components:	**KN221060G1**, CHD7 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) **KN221060G2**, CHD7 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) **KN221060RBD**, 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_001316690, NM_017780, NM_017783
UniProt ID:	Q9P2D1
Synonyms:	CRG; HH5; IS3; KAL5
Summary:	This gene encodes a protein that contains several helicase family domains. Mutations in this gene have been found in some patients with the CHARGE syndrome. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2015]

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Product images:

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