

## Product datasheet for **KN303310RB**

### Chrna7 Mouse 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:	Chrna7
Locus ID:	11441
Components:	<b>KN303310G1</b> , Chrna7 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN303310G2</b> , Chrna7 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN303310RBD</b> , donor DNA containing left and right homologous arms and RFP-BSD functional cassette. <b>GE100003</b> , 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:	<a href="#">NM_007390</a>
UniProt ID:	<a href="#">P49582</a>
Synonyms:	Acra7; alpha7; nAChR
Summary:	After binding acetylcholine, the AChR responds by an extensive change in conformation that affects all subunits and leads to opening of an ion-conducting channel across the plasma membrane. The channel is blocked by alpha-bungarotoxin.[UniProtKB/Swiss-Prot Function]



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Product images:

