

## Product datasheet for **KN204899RB**

### Endothelin B Receptor (EDNRB) 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:	Endothelin B Receptor
Locus ID:	1910
Components:	<b>KN204899G1</b> , Endothelin B Receptor gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN204899G2</b> , Endothelin B Receptor gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN204899RBD</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_000115</a> , <a href="#">NM_001122659</a> , <a href="#">NM_001201397</a> , <a href="#">NM_003991</a>
UniProt ID:	<a href="#">P24530</a>
Synonyms:	ABCDS; ET-B; ET-BR; ETB; ETBR; ETRB; HSCR; HSCR2; WS4A
Summary:	The protein encoded by this gene is a G protein-coupled receptor which activates a phosphatidylinositol-calcium second messenger system. Its ligand, endothelin, consists of a family of three potent vasoactive peptides: ET1, ET2, and ET3. Studies suggest that the multigenic disorder, Hirschsprung disease type 2, is due to mutations in the endothelin receptor type B gene. Alternative splicing and the use of alternative promoters results in multiple transcript variants. [provided by RefSeq, Oct 2016]



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## Product images:

