

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product datasheet for KN209266RB

Prolactin Receptor (PRLR) Human Gene Knockout Kit (CRISPR)

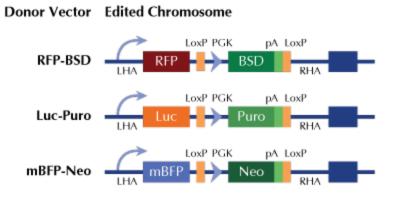
Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control
Donor DNA:	RFP-BSD
Symbol:	Prolactin Receptor
Locus ID:	5618
Components:	 KN209266G1, Prolactin Receptor gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN209266G2, Prolactin Receptor gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN209266RBD, donor DNA containing left and right homologous arms and RFP-BSD functional cassette. GE100003, scramble sequence in pCas-Guide vector
RefSeq:	<u>NM 000949, NM 001204314, NM 001204315, NM 001204316, NM 001204317, NM 001204317, NM 001204318, NR 037910</u>
UniProt ID:	<u>P16471</u>
Synonyms:	HPRL; hPRLrl; MFAB
Summary:	This gene encodes a receptor for the anterior pituitary hormone, prolactin, and belongs to the type I cytokine receptor family. Prolactin-dependent signaling occurs as the result of ligand-induced dimerization of the prolactin receptor. Several alternatively spliced transcript variants encoding different membrane-bound and soluble isoforms have been described for this gene, which may function to modulate the endocrine and autocrine effects of prolactin in normal tissue and cancer. [provided by RefSeq, Feb 2011]



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2025 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

Product images:



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

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2025 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US