

Product datasheet for **KN209266LP**

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

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control
Donor DNA:	Luciferase-Puro
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) KN209266LPD , donor DNA containing left and right homologous arms and Luciferase-Puro 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_000949 , NM_001204314 , NM_001204315 , NM_001204316 , NM_001204317 , NM_001204318 , NR_037910
UniProt ID:	P16471
Synonyms:	HPRL; hPRLrI; 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]



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Product images:

