

Product datasheet for **KN214928LP**

IGF1 Receptor (IGF1R) 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:	IGF1 Receptor
Locus ID:	3480
Components:	KN214928G1 , IGF1 Receptor gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN214928G2 , IGF1 Receptor gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN214928LPD , 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_000875 , NM_001291858
UniProt ID:	P08069
Synonyms:	CD221; IGFR; IGFR; JTK13
Summary:	This receptor binds insulin-like growth factor with a high affinity. It has tyrosine kinase activity. The insulin-like growth factor I receptor plays a critical role in transformation events. Cleavage of the precursor generates alpha and beta subunits. It is highly overexpressed in most malignant tissues where it functions as an anti-apoptotic agent by enhancing cell survival. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, May 2014]



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Product images:

