

Product datasheet for **KN212825BN**

LGR5 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control
Donor DNA:	mBFP-Neo
Symbol:	LGR5
Locus ID:	8549
Components:	<p>KN212825G1, LGR5 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN212825G2, LGR5 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN212825BND, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette.</p> <p>GE100003, scramble sequence in pCas-Guide vector</p>
RefSeq:	NM_001277226 , NM_001277227 , NM_003667 , NR_110596
UniProt ID:	O75473
Synonyms:	FEX; GPR49; GPR67; GRP49; HG38
Summary:	The protein encoded by this gene is a leucine-rich repeat-containing receptor (LGR) and member of the G protein-coupled, 7-transmembrane receptor (GPCR) superfamily. The encoded protein is a receptor for R-spondins and is involved in the canonical Wnt signaling pathway. This protein plays a role in the formation and maintenance of adult intestinal stem cells during postembryonic development. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2015]



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Product images:

