

Product datasheet for **KN211298LP**

LI Cadherin (CDH17) 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:	LI Cadherin
Locus ID:	1015
Components:	<p>KN211298G1, LI Cadherin gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN211298G2, LI Cadherin gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN211298LPD, donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette.</p> <p>GE100003, scramble sequence in pCas-Guide vector</p>
RefSeq:	NM_001144663 , NM_004063
UniProt ID:	Q12864
Synonyms:	CDH16; HPT-1; HPT1
Summary:	<p>This gene is a member of the cadherin superfamily, genes encoding calcium-dependent, membrane-associated glycoproteins. The encoded protein is cadherin-like, consisting of an extracellular region, containing 7 cadherin domains, and a transmembrane region but lacking the conserved cytoplasmic domain. The protein is a component of the gastrointestinal tract and pancreatic ducts, acting as an intestinal proton-dependent peptide transporter in the first step in oral absorption of many medically important peptide-based drugs. The protein may also play a role in the morphological organization of liver and intestine. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2009]</p>



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Product images:

