

Product datasheet for **KN222176RB**

LCE3A 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:	LCE3A
Locus ID:	353142
Components:	KN222176G1 , LCE3A gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN222176G2 , LCE3A gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN222176RBD , donor DNA containing left and right homologous arms and RFP-BSD 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:	<u>NM_178431</u>
UniProt ID:	<u>Q5TA76</u>
Synonyms:	LEP13
Summary:	A structural component of the cornified envelope of the stratum corneum involved in innate cutaneous host defense (Probable). Possesses defensin-like antimicrobial activity against a broad spectrum of Gram-positive and Gram-negative bacteria, both aerobic and anaerobic species. Upon inflammation, may regulate skin barrier repair by shaping cutaneous microbiota composition and immune response to bacterial antigens (PubMed:28634035). [UniProtKB/Swiss-Prot Function]



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Product images:

