

Product datasheet for **KN200589RB**

Calumenin (CALU) 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:	Calumenin
Locus ID:	813
Components:	KN200589G1 , Calumenin gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN200589G2 , Calumenin gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN200589RBD , 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:	NM_001130674 , NM_001199671 , NM_001199672 , NM_001199673 , NM_001199674 , NM_001219 , NR_074086
UniProt ID:	O43852
Synonyms:	FLJ90608
Summary:	The product of this gene is a calcium-binding protein localized in the endoplasmic reticulum (ER) and it is involved in such ER functions as protein folding and sorting. This protein belongs to a family of multiple EF-hand proteins (CERC) that include reticulocalbin, ERC-55, and Cab45 and the product of this gene. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Oct 2008]



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Product images:

