

## Product datasheet for **KN207649BN**

### Lass5 (CERS5) 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:	Lass5
Locus ID:	91012
Components:	<b>KN207649G1</b> , Lass5 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN207649G2</b> , Lass5 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN207649BND</b> , donor DNA containing left and right homologous arms and mBFP-Neo functional cassette. <b>GE100003</b> , 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:	<a href="#">NM_001281731</a> , <a href="#">NM_001331069</a> , <a href="#">NM_001331070</a> , <a href="#">NM_001331071</a> , <a href="#">NM_001331072</a> , <a href="#">NM_001331073</a> , <a href="#">NM_147190</a> , <a href="#">NR_104035</a> , <a href="#">NR_138532</a> , <a href="#">NR_138533</a> , <a href="#">NR_138534</a> , <a href="#">NR_138535</a> , <a href="#">NR_138536</a>
UniProt ID:	<a href="#">Q8N5B7</a>
Synonyms:	LASS5; Trh4
Summary:	This gene encodes a protein that belongs to the TLC (TRAM, LAG1 and CLN8 homology domains) family of proteins. The encoded protein functions in the synthesis of ceramide, a lipid molecule that is involved in a several cellular signaling pathways. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]



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## Product images:

