

Product datasheet for **KN302341RB**

C1galt1c1 Mouse 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:	C1galt1c1
Locus ID:	59048
Components:	KN302341G1 , C1galt1c1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN302341G2 , C1galt1c1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN302341RBD , 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_021550</u>
UniProt ID:	<u>Q9JMG2</u>
Synonyms:	1500002I11Rik; AB030184; C1GalT2; C81205; Cosmc
Summary:	Probable chaperone required for the generation of 1 O-glycan Gal-beta1-3GalNAc-alpha1-Ser/Thr (T antigen), which is a precursor for many extended O-glycans in glycoproteins. Probably acts as a specific molecular chaperone assisting the folding/stability of core 1 beta-3-galactosyltransferase (C1GALT1) (By similarity).[UniProtKB/Swiss-Prot Function]



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Product images:

