

## Product datasheet for **KN211183RB**

### **B3GALT5 Human Gene Knockout Kit (CRISPR)**

#### **Product data:**

<b>Product Type:</b>	Knockout Kits (CRISPR)
<b>Format:</b>	2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control
<b>Donor DNA:</b>	RFP-BSD
<b>Symbol:</b>	B3GALT5
<b>Locus ID:</b>	10317
<b>Components:</b>	<b>KN211183G1</b> , B3GALT5 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN211183G2</b> , B3GALT5 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN211183RBD</b> , donor DNA containing left and right homologous arms and RFP-BSD functional cassette. <b>GE100003</b> , scramble sequence in pCas-Guide vector
<b>Disclaimer:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_001278650</a> , <a href="#">NM_006057</a> , <a href="#">NM_033170</a> , <a href="#">NM_033171</a> , <a href="#">NM_033172</a> , <a href="#">NM_033173</a> , <a href="#">NM_001356336</a> , <a href="#">NM_001356338</a> , <a href="#">NM_001356339</a>
<b>UniProt ID:</b>	<a href="#">Q9Y2C3</a>
<b>Synonyms:</b>	3-GalTase 5; B3GalT-V; B3GalTx; B3T5; beta-1; beta-3-Gx-T5; beta3Gal-T5; GLCT5
<b>Summary:</b>	This gene encodes a member of a family of membrane-bound glycoproteins. The encoded protein may synthesize type 1 Lewis antigens, which are elevated in gastrointestinal and pancreatic cancers. Alternatively spliced transcript variants using multiple alternate promoters have been observed for this gene. [provided by RefSeq, Sep 2017]



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**Product images:**
