

## Product datasheet for **KN216595RB**

### TGF beta Receptor III (TGFB3) 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:	TGF beta Receptor III
Locus ID:	7049
Components:	<b>KN216595G1</b> , TGF beta Receptor III gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN216595G2</b> , TGF beta Receptor III gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN216595RBD</b> , donor DNA containing left and right homologous arms and RFP-BSD 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_001195683</a> , <a href="#">NM_001195684</a> , <a href="#">NM_003243</a> , <a href="#">NR_036634</a>
UniProt ID:	<a href="#">Q03167</a>
Synonyms:	betaglycan; BGCAN
Summary:	This locus encodes the transforming growth factor (TGF)-beta type III receptor. The encoded receptor is a membrane proteoglycan that often functions as a co-receptor with other TGF-beta receptor superfamily members. Ectodomain shedding produces soluble TGFB3, which may inhibit TGFB signaling. Decreased expression of this receptor has been observed in various cancers. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene.[provided by RefSeq, Sep 2010]



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Product images:

