

## Product datasheet for **KN212345RB**

### FUT8 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:	FUT8
Locus ID:	2530
Components:	<b>KN212345G1</b> , FUT8 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN212345G2</b> , FUT8 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN212345RBD</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_004480</a> , <a href="#">NM_178154</a> , <a href="#">NM_178155</a> , <a href="#">NM_178156</a> , <a href="#">NM_178157</a> , <a href="#">NR_038167</a> , <a href="#">NR_038170</a>
UniProt ID:	<a href="#">Q9BYC5</a>
Synonyms:	MGC26465
Summary:	This gene encodes an enzyme belonging to the family of fucosyltransferases. The product of this gene catalyzes the transfer of fucose from GDP-fucose to N-linked type complex glycopeptides. This enzyme is distinct from other fucosyltransferases which catalyze alpha1-2, alpha1-3, and alpha1-4 fucose addition. The expression of this gene may contribute to the malignancy of cancer cells and to their invasive and metastatic capabilities. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2011]



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## Product images:

