

## Product datasheet for **KN212345BN**

### FUT8 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:	FUT8
Locus ID:	2530
Components:	<p><b>KN212345G1</b>, FUT8 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p><b>KN212345G2</b>, FUT8 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p><b>KN212345BND</b>, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette.</p> <p><b>GE100003</b>, scramble sequence in pCas-Guide vector</p>
RefSeq:	<u><a href="#">NM_004480</a></u> , <u><a href="#">NM_178154</a></u> , <u><a href="#">NM_178155</a></u> , <u><a href="#">NM_178156</a></u> , <u><a href="#">NM_178157</a></u> , <u><a href="#">NR_038167</a></u> , <u><a href="#">NR_038170</a></u>
UniProt ID:	<u><a href="#">Q9BYC5</a></u>
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:

