

Product datasheet for **KN212206BN**

MUC4 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:	MUC4
Locus ID:	4585
Components:	<p>KN212206G1, MUC4 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN212206G2, MUC4 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN212206BND, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette.</p> <p>GE100003, scramble sequence in pCas-Guide vector</p>
RefSeq:	NM_001322468 , NM_004532 , NM_018406 , NM_138297 , NM_138298 , NM_138299
UniProt ID:	Q99102
Synonyms:	ASGP; HSA276359; MUC-4
Summary:	<p>The major constituents of mucus, the viscous secretion that covers epithelial surfaces such as those in the trachea, colon, and cervix, are highly glycosylated proteins called mucins. These glycoproteins play important roles in the protection of the epithelial cells and have been implicated in epithelial renewal and differentiation. This gene encodes an integral membrane glycoprotein found on the cell surface, although secreted isoforms may exist. At least two dozen transcript variants of this gene have been found, although for many of them the full-length transcript has not been determined or they are found only in tumor tissues. This gene contains a region in the coding sequence which has a variable number (>100) of 48 nt tandem repeats. [provided by RefSeq, Jul 2008]</p>



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Product images:

