

Product datasheet for KN206965BN

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B3GNT5 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 B3GNT5 Symbol: 84002 Locus ID:

KN206965G1, B3GNT5 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN206965G2, B3GNT5 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN206965BND, donor DNA containing left and right homologous arms and mBFP-Neo

functional cassette.

GE100003, scramble sequence in pCas-Guide vector

RefSeq: NM 032047

UniProt ID: Q9BYG0

Synonyms: B3GN-T5; beta3Gn-T5

Summary: This gene encodes a member of the beta-1,3-N-acetylglucosaminyltransferase family. This

> enzyme is a type II membrane protein. It exhibits strong activity to transfer GlcNAc to glycolipid substrates and is identified as the most likely candidate for lactotriaosylceramide synthase. This enzyme is essential for the expression of Lewis X epitopes on glycolipids.

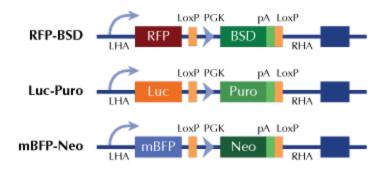
[provided by RefSeq, Jul 2008]





Product images:

Donor Vector Edited Chromosome



RFP, Luc, and mBFP will be under native gene promoter