

Product datasheet for KN207406BN

EXTL2 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

EXTL2 Symbol: Locus ID: 2135

KN207406G1, EXTL2 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN207406G2, EXTL2 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN207406BND, donor DNA containing left and right homologous arms and mBFP-Neo

functional cassette.

GE100003, 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: NM 001033025, NM 001261440, NM 001261441, NM 001261442, NM 001439, NR 048570

UniProt ID: 09UB06 Synonyms: EXTR2

Summary: Glycosyltransferase required for the biosynthesis of heparan-sulfate and responsible for the

alternating addition of beta-1-4-linked glucuronic acid (GlcA) and alpha-1-4-linked N-

acetylglucosamine (GlcNAc) units to nascent heparan sulfate chains.[UniProtKB/Swiss-Prot

Function1



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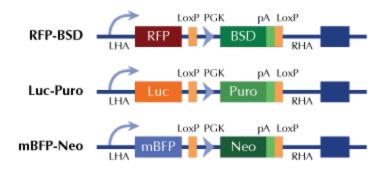
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Product images:

Donor Vector Edited Chromosome



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