

## Product datasheet for KN200644BN

# **EXT1 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: EXT1 Locus ID: 2131

**KN200644G1**, EXT1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

**KN200644G2**, EXT1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN200644BND, 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 000127

**UniProt ID:** Q16394

Synonyms: EXT; LGCR; LGS; TRPS2; TTV

Summary: This gene encodes an endoplasmic reticulum-resident type II transmembrane

> glycosyltransferase involved in the chain elongation step of heparan sulfate biosynthesis. Mutations in this gene cause the type I form of multiple exostoses. [provided by RefSeq, Jul

2008]



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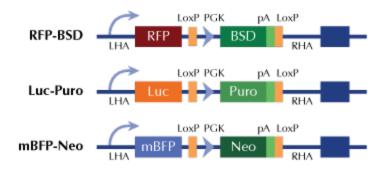
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# **Product images:**

### Donor Vector Edited Chromosome



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