

### Product datasheet for KN204674BN

#### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

## **Galectin 1 (LGALS1) 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: Galectin 1

**Locus ID:** 3956

**Components: KN204674G1**, Galectin 1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN204674G2, Galectin 1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN204674BND, 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:** <u>NM 002305</u>

UniProt ID: P09382

Synonyms: GAL1; GBP

**Summary:** The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-

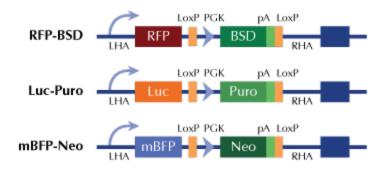
cell and cell-matrix interactions. This gene product may act as an autocrine negative growth

factor that regulates cell proliferation. [provided by RefSeq, Jul 2008]



# **Product images:**

#### Donor Vector Edited Chromosome



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