

Product datasheet for KN210750BN

OriGene Technologies, Inc.

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galectin 9 (LGALS9) 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 9

Locus ID: 3965

Components: KN210750G1, galectin 9 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)

KN210750G2, galectin 9 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN210750BND, 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 001330163, NM 002308, NM 009587, NR 024043</u>

UniProt ID: 000182

Synonyms: HUAT; LGALS9A

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

cell and cell-matrix interactions. The protein encoded by this gene is an S-type lectin. It is overexpressed in Hodgkin's disease tissue and might participate in the interaction between the H&RS cells with their surrounding cells and might thus play a role in the pathogenesis of this disease and/or its associated immunodeficiency. Multiple alternatively spliced transcript

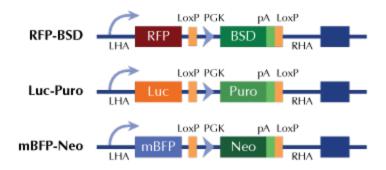
variants have been found for this gene. [provided by RefSeq, Jul 2008]





Product images:

Donor Vector Edited Chromosome



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