

Product datasheet for KN210750RB

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 RFP-BSD donor, 1 scramble control

Donor DNA: RFP-BSD 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) **KN210750RBD**, donor DNA containing left and right homologous arms and RFP-BSD

functional cassette.

GE100003, scramble sequence in pCas-Guide vector

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

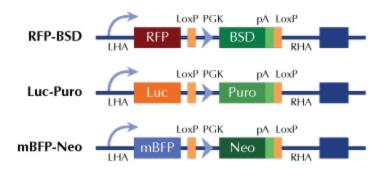
variants have been found for this gene. [provided by RefSeq, Jul 2008]





Product images:

Donor Vector Edited Chromosome



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