

Product datasheet for **KN309240LP**

Lgals1 Mouse Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control
Donor DNA:	Luciferase-Puro
Symbol:	Lgals1
Locus ID:	16852
Components:	KN309240G1 , Lgals1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN309240G2 , Lgals1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN309240LPD , donor DNA containing left and right homologous arms and Luciferase-Puro 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_008495
UniProt ID:	P16045
Synonyms:	AA410090; Gal-1; Galbp; galectin-1; L-14.5; L14; Lect14
Summary:	Lectin that binds beta-galactoside and a wide array of complex carbohydrates. Plays a role in regulating apoptosis, cell proliferation and cell differentiation. Inhibits CD45 protein phosphatase activity and therefore the dephosphorylation of Lyn kinase. Strong inducer of T-cell apoptosis.[UniProtKB/Swiss-Prot Function]



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Product images:

