

Product datasheet for **KN208785RB**

Galectin 3 (LGALS3) 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
Symbol:	Galectin 3
Locus ID:	3958
Components:	KN208785G1 , Galectin 3 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN208785G2 , Galectin 3 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN208785RBD , donor DNA containing left and right homologous arms and RFP-BSD 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_001177388](#), [NM_002306](#), [NR_003225](#), [NM_001357678](#)

UniProt ID: [P17931](#)

Synonyms: CBP35; GAL3; GALBP; GALIG; L31; LGALS2; MAC2

Summary: This gene encodes a member of the galectin family of carbohydrate binding proteins. Members of this protein family have an affinity for beta-galactosides. The encoded protein is characterized by an N-terminal proline-rich tandem repeat domain and a single C-terminal carbohydrate recognition domain. This protein can self-associate through the N-terminal domain allowing it to bind to multivalent saccharide ligands. This protein localizes to the extracellular matrix, the cytoplasm and the nucleus. This protein plays a role in numerous cellular functions including apoptosis, innate immunity, cell adhesion and T-cell regulation. The protein exhibits antimicrobial activity against bacteria and fungi. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Oct 2014]



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Product images:

