

Product datasheet for **KN208785LP**

Galectin 3 (LGALS3) Human 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:	Galectin 3
Locus ID:	3958
Components:	<p>KN208785G1, Galectin 3 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN208785G2, Galectin 3 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN208785LPD, donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette.</p> <p>GE100003, scramble sequence in pCas-Guide vector</p>
RefSeq:	NM_001177388 , NM_002306 , NR_003225 , NM_001357678
UniProt ID:	P17931
Synonyms:	CBP35; GAL3; GALBP; GALIG; L31; LGALS2; MAC2
Summary:	<p>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]</p>



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Product images:

