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Product datasheet for SC201846

Galectin 3 (LGALS3) (NM_002306) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Galectin 3 (LGALS3) (NM_002306) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	LGALS3
Synonyms:	CBP35; GAL3; GALBP; GALIG; L31; LGALS2; MAC2
ACCN:	NM_002306
Insert Size:	182 bp
Insert Sequence:	>SC201846 3'UTR clone of NM_002306 The sequence shown below is from the reference sequence of NM_002306. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CTCACCAGTGCTTCATATACCATGATATAATCTGAAAGGGGCAGATTAAAAAAAAAAAAAAGAATCTAAA CCTTACATGTGTAAAGGTTTCATGTTCACTGTGAGTGAAAATTTTTACATTCATCAATATCCCTCTTGT AAGTCATCTACTTAATAAATATTACAGTGAATTACCTGTCTCAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_002306.4

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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]

Locus ID: 3958

MW: 7