

Product datasheet for **SC310938**

LGALS9C (NM_001040078) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LGALS9C (NM_001040078) Human Untagged Clone
Tag:	Tag Free
Symbol:	LGALS9C
Synonyms:	Gal-9B; LGALS9B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC310938 representing NM_001040078. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTGTAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGCCTTCAGCGGTTGCCAGGCTCCCTATCTGAGCCAGCCGTCCTTTCTGGGACTATCCAAGGG
 GGTCTCCAGGACGGATTCAGATCACTGTCAATGGGGCCGTTCTCAGCTGCAGTGGAACAGGTTTGCT
 GTGGACTTTCAGACGGGCTTCAGTGAAACGACATTGCCTTCCACTTCAACCCTCGGTTTGAAGACGGA
 GGGTATGTGGTGTGAACACGAGGCAGAAAGGAACATGGGGGCCGAGGAGGAAGATGCACATGCCC
 TTCCAGAAGGGGATGCCCTTTGACCTCTGCTTCCTGGTGCAGAGCTCAGATTTCAAGGTGATGGTGAAC
 GGGAGCCTCTTCGTGCAGTACTCCACCGCGTGCCTTCCACCGTGTGGACACCATCTCCGTCAATGGC
 TCTGTGCAGCTGTCTACATCAGCTTCCAGAATCCCCGCGCAGTCCCCGTTAGCCTGCCTTCTCCACG
 GTGCCGTTCTCCAGCCTGTCTGTTTCCACCCAGGCCAGGGGGCGCAGACAAAACCTCCAGCGTG
 CGGCCTGCCAACCAGCTCCCATACCCAGACAGTCATCCACACGGTGCAGAGTGCTCTGGACAGATG
 TTCTCTCAGACTCCCGCCATCCACCTATGATGTACCCCAACCCTGCCTATCCGATGCCTTTCATCACC
 ACCATTCGGGAGGGCTGTACCCATCCAAGTCCATCATCTGTGAGGCACTGTCTGCCAGTGCTCAG
 AGGTTCCACATCAACCTGTGCTCTGGGAGCCACATCGCCTTCCACATGAACCCCGTTTTGATGAGAAT
 GCTGTGGTCCGTAACACCCAGATCAACAACCTCTGGGGGTCTGAGGAGCGAAGTCTGCCCGAAAAATG
 CCCTTCGTCCGAGGCCAGAGCTTCTCGGTGTGGATCTTGTGTGAAGCTCACTGCCTCAAGGTGGCCGTG
 GATGGTCAGCACGTGTTTGAATACTACCATCGCCTGAGGAACCTGCCACCATCAACAACTGGAAGTG
 GGTGGCGACATCCAGTGACCCACGTGCAGACATAG
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001040078


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Insert Size:	1071 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001040078.2</u>
RefSeq Size:	1743 bp
RefSeq ORF:	1071 bp
Locus ID:	654346
UniProt ID:	<u>Q6DKI2</u>
Cytogenetics:	17p11.2
MW:	39.6 kDa
Gene Summary:	This gene was initially thought to represent a pseudogene of galectin 9; however, this transcript has good exon-intron structure and encodes a predicted protein of the same size as and highly similar to galectin 9. This gene is one of two similar loci on chromosome 17p similar to galectin 9 and now thought to be protein-encoding. This gene is the more telomeric gene. [provided by RefSeq, Jul 2008]