

Product datasheet for **RG219435**

galectin 9 (LGALS9) (NM_009587) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	galectin 9 (LGALS9) (NM_009587) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	galectin 9
Synonyms:	HUAT; LGALS9A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG219435 representing NM_009587 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGCCTTCAGCGGTTCCAGGCTCCCTACCTGAGTCCAGCTGTCCCCTTTCTGGGACTATTCAAGGAG
GTCTCCAGGACGGACTTCAGATCACTGTCAATGGGACCGTTCTCAGCTCCAGTGGAAACAGGTTTGCTGT
GAACTTTCAGACTGGCTTCAGTGGAAATGACATTGCCTTCCACTTCAACCCTCGGTTTGAAGATGGAGGG
TACGTGGTGTGCAACACGAGGCAGAACGGAAGCTGGGGGCCGAGGAGAGGAAGACACACATGCCTTTCC
AGAAGGGGATGCCCTTTGACCTCTGCTTCTCTGGTGCAGAGCTCAGATTTCAAGGTGATGGTGAACGGGAT
CCTCTTTCGTGCAGTACTTCCACCGGTGCCCTTCCACCGTGTGGACACCATCTCCGTCAATGGCTCTGTG
CAGCTGTCTACATCAGCTTCCAGAACCCCGCACAGTCCCTGTTCCAGCTGCCTTCTCCACGGTGCCTGT
TCTCCAGCCTGTCTGTTTCCACCCAGGCCAGGGGGCGCAGACAAAAACCTCCCGCGCTGTGGCCTGC
CAACCCGGCTCCCATTACCCAGACAGTCATCCACACAGTGCAGAGCGCCCTGGACAGATGTTTCTACT
CCCGCCATCCCACCTATGATGTACCCCAACCCCGCCTATCCGATGCCTTTCATCACCACCATCTGGGAG
GGCTGTACCCATCCAAGTCCATCCTCCTGTCAGGCACTGTCTGCCAGTGTCTCAGAGGTTCCACATCAA
CCTGTGCTCTGGGAACACATCGCCTTCCACCTGAACCCCGTTTTGATGAGAATGCTGTGGTCCGCAAC
ACCCAGATCGACAACCTGGGGTCTGAGGAGCGAAGTCTGCCCGAAAAATGCCCTTCGTCCGTGGCC
AGAGCTTCTCAGTGTGGATCTTGTGTGAAGCTCACTGCCTCAAGGTGGCCGTGGATGGTCCAGCACCTGTT
TGAATACTACCATCGCCTGAGGAACCTGCCACCATCAACAGACTGGAAGTGGGGGGCGACATCCAGCTG
ACCCATGTGCAGACA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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: [NM_009587.3](#)

RefSeq Size: 1696 bp

RefSeq ORF: 1068 bp

Locus ID: 3965

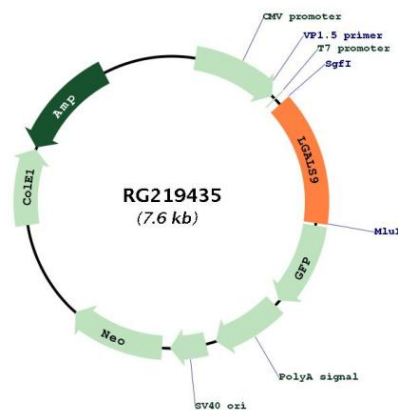
UniProt ID: [O00182](#)

Cytogenetics: 17q11.2

Domains: Gal-bind_lectin

Gene Summary: The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. The protein encoded by this gene is an S-type lectin. It is overexpressed in Hodgkin's disease tissue and might participate in the interaction between the H&RS cells with their surrounding cells and might thus play a role in the pathogenesis of this disease and/or its associated immunodeficiency. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG219435