

Product datasheet for **SC123078**

LGALS12 (NM_033101) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LGALS12 (NM_033101) Human Untagged Clone
Tag:	Tag Free
Symbol:	LGALS12
Synonyms:	GAL12; GRIP1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for NM_033101 edited
CACAGGAGCCAGCCTCTGGCTTCTCTCTGCAATGGCCATGTGCTGCAGACCCGGAGTGGG
TAGTTAGTTGGTTAATGCCAGTCTTCTCCCCTGGACTGAGTTCTGCTGACAGCCCC
GCCAGCCAGAGCTCTGCTGTATACCACCGGGAGTGGGGCTGGTGTGGAGCCTGGAGGTC
GCCCGTGCCTCCTAGGGCTGCTCCAGACAGCATTAAACGCTGCAGGTCGACAGTGAG
ACTAACAGCTGGGAGAGCTGCTCCAGGCATTTAGGACCTGACTGGGGCAGATGAGTCAG
CCCAGTGGGGCAGGGCTCCTGGAACGAGGATCTACAGTTGGAGTTGCCCACTGTCATG
TCACCTGGAGAAAACTGGACCCAATTCCTGACAGCTTATTCTGCAACCACAGTCTTC
CACCCGGTGGTTCCTTATGTACGACGATTTTTGGAGGCCTGCATGCAGGCAAGATGGTC
ATGCTGCAAGGAGTGGTCCCTCTAGATGCACACAGGTTTCAGGTGGACTTCCAGTGTGGC
TGCAGCCTGTGTCCCGGCCAGATATCGCCTTCCACTTCAACCCTCGCTTCCATACCACC
AAGCCCCATGTCTGCAACACCCTGCATGGTGGACGCTGGCAAAGGGAGGCCCGGTGG
CCCCACTGGCCCTGCGAAGAGGCTCCAGCTTCTCATCTCTTTCTTTCGGAATGAG
GAAGTGAAGGTGAGTGTGAATGGACAGCACTTTCTCCACTCCGCTACCGCTCCCACTG
TCTCATGTGGACACGCTGGGTATATTTGGTGCATCCTGGTAGAGGCTGTTGGATTCTG
AACATCAATCCATTTGTGGAGGGCAGCAGAGAGTACCCAGCTGGACATCCTTTCTGCTG
ATGAGCCCCAGGCTGGAGGTGCCCTGCTCACATGCTTCCCCAGGGTCTCTCGCCTGGG
CAGGTCATCATAGTACGGGGACTGGTCTTGAAGAGCCGAAGCATTTTACTGTGAGCCTG
AGGGACCAGGCTGCCATGCTCCTGTGACACTCAGGGCTCCTTCGCAGACAGAAGTCTG
GCCTGGATCTCCCGCTGGGGGCAGAAGAACTGATCTCAGCCCCCTTCTCTTTTACCC
CAGAGATTCTTTGAGGTGCTGCTCCTGTCCAGGAGGGAGGGCTGAAGCTGGCGCTCAAT
GGGCAGGGGCTGGGGCCACCAGCATGAACCAGCAGGCCCTGGAGCAGCTGCGGGAGCTC
CGGATCAGTGGAAAGTGTCCAGCTCTACTGTGTCCACTCCTGAGGATGGTCCAGGAAAT
ACCGCCAGAAAAACAAGAAGTTCAGCCCACTCCAGGGCCCACTCTCTCCCTCATTAA
ACCATCCACTGACACCAGCACATCAGGCCTGGTTCACCTCTGGGGTACAGAGACTGAGT
CTACAGGAGCTTTGGCCTGAGGGAAGGCACAAGAGTGCAAAGGTTCTCGAACTCTGCA
CCTTCTCCACCAGGAGCCTGGGATATGGCTCCATCTGCCTTCAGGGCTGGACTGCACT
CACAGAGGCAAGTGTGTAGACTAACAAAGATACTCCAAAATACAATGGCTTAAAGAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_033101 unedited
AGGGNCGGCCGCGNACTCCCGGGCTCACAGGAGCCATCCTCTGGCTTCTCTCTGCAATG
GCCATGTGCTGCAGACCCGGAGTGGGTAGTTAGTTGGTTAATGCCAGTCTTCTCCCCTG
GACTGAGTTCTGCTGACAGCCCCCGCCAGCCAGAGCTCTGCTGTATACCACCGGGAG
TGGGGCTGGTGTGGAGCCTGGAGTCCCGCTGCCCTCCTAGGGCTGCTCCAGACAGCA
TAAACGCTGCAGGTCGAGGTGAGACTAACAGCTGGGAGAGCTGCTCCAGGCATTTAG
GACCTGACTGGGGCAGATGAGTCAGCCAGTGGGGCAGGGCTCCTGGAACGAGGATCT
ACAGTTGGAGTTGCCCACTGTCATGTACCTGGAGAAAACTGGACCCAATTCCTGACA
GCTTCATTCTGCAACCACAGTCTTCCACCGGTGGTTCCTTATGTACGACGATTTTTG
GAGGCCTGCATGCAGGCAAGATGGTCATGCTGCAAGGAGTGGTCCCTCTAGATGCACACA
GGTTTCAGGTGGACTTCCAGTGTGGCTGCAGCCTGTGTCCCGGCCAGATATCGCCTTC
ACTTAAACCCTCGCTTCCATACCACCAAGCCCCATGTCATCTGCAACACCCTGCATGGT
GACGCTGGCAAAGGGAGGCCCGGTGGCCCCACCTGGCCCTGCGAAGAGGCTCCAGCTTC
TCATCCTCTTTCTTTTCGGAATGAGGAAATGAAAGGTGATTGTGAATGGGACAGCACTT
TTCTCCACTTTTCGTTACCGGCTCCCACTGGCTAATGTGGGCAACGCTGGGTATTATTT
GGTGACATCCTTGAAGAGGCTGTTGGGATCCCTGAACC

Restriction Sites: Please inquire

ACCN: NM_033101

Insert Size: 1647 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).
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:	<ol style="list-style-type: none">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_033101.2 , NP_149092.2
RefSeq Size:	1696 bp
RefSeq ORF:	1011 bp
Locus ID:	85329
UniProt ID:	Q96DT0
Cytogenetics:	11q12.3
Gene Summary:	<p>This gene encodes a member of the galectin superfamily, a group of beta-galactoside-binding proteins with conserved carbohydrate recognition domains. The related mouse protein is a primary regulator of the early stages of adipose tissue development. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, May 2010]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the coding region compared to variant 1. The resulting protein (isoform 2) is shorter but has the same N- and C-termini compared to isoform 1.</p>