

Product datasheet for **MC206427**

Lgals12 (BC030890) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lgals12 (BC030890) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lgals12
Synonyms:	AW987437; Grip1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC030890
 CCCACGCGTCCGCCACGCGTCCGGCTGAAGGCCAGCTGTTGCAGAGGCTGGGAAAAGTGAGTCCATTC
 CGTGGGGAATCGCGTTGCTGGAATCAGGATCAGAGGCTGAGTTGAAGTTGCCCTCCCCATGTCAACTG
 ACGAACACCTGGACCCGATTCTGACAGCTTATCCTGCAGCCGCGAGTCTCCACCCGGTGATTCTTA
 TGGCACAACAATTTTGGTGGCCTGTATGCAGGCAAGATGGTACGCTGCAGGGTGTGGTCCCTCTGCAT
 GCAAGGGAGTTTCAGGTGACTTCCAGTGTGGTGTCTCTGCATCCTCAGCCAGATGTTGCCTCCGCT
 TCAGCCCTCGATTCTACTGTCAAGCCCATGTATCTGCAACACCCACCAAGGTGACTCTGGCAAAA
 AGAGATCCGGTGGCCAGGGTTCGCCCTGCAGAGAGGGGATAGCTTCTCATTCTTTCTTTGAGAAC
 GAAGAGGTGAAGGTGAGTGTAAATGGCCAGCACTTTCTCACTACCGCTACCGGCTCCCACTGTACGGG
 TAGATACCCTTGACATATCTGGTACATCTTGGTAAAGGCTGTTGGATTCTGAACATCAATCCATTGT
 GGAGGGTAGCAGAGAGTATCCAGTTGGATATCCCTTCTGCTGTATAGCCCCAGGCTGGAGGTGCCCTGC
 TCACGTGCTCTTCTCGGGTCTCTGGCCTGGGCAAGTATTGTAGTTCGAGGACTGGTCTTAAAGAGC
 CGAAAGATTTTACCCTGAGCCTGAAGGATGGGACCACCCATGTTCTGTGACACTCAGGGCTTCTTCAC
 AGACAGAACTGGCCTGGTCTCCTCCTGGGACGAAAGAAGCTGATCTCCGCCCTTCTCTTTTAC
 CCCCAGGATTCTTCAGGTTACTGCTTCTGTGCCAAAAGGGAGGGCTGAAGTTGGCACTCAATGGGAGG
 GGCTGGGGGCCACCAGCCTGGACCAGAAAGCCCTGGAGCAGCTGCGGGAGCTCAGGATCAGTGGAAATGT
 CCACCTCTACTGTGTCCACTGCTAAGAAGGGCTCCAAGGGCACCCCGCCAGAGAAGAGGAGGGGGCGCT
 GCAACCAGGGCTCCACAGTTACAGCCATTCTCTATTCTCAAGGGAGAACTGACTGGCATCACTTTG
 TCAGGCCGAGCTCACATCTCAAAGGGCGCGCACACACACACACACACACACACACACACATTGC
 ATTTTAACTATCAATTTGAAAATAAGGGCCAGGTCAATGTGTCTCTGCATCTATCTCCACATTCAA
 ATCTGTCTTGGTCTTCAATCCAGGCCAGCCACTGAGAAGGCAAATAGGGTGTGAACAAGATGA
 GCCCAAATCTGTGATCAACACACACCATCTACTCACCTTTTCTACTACTGTTTTATCTACAGTCA
 CTCACTGTTTTGTGAAGCCTTTGCCAACGTGAACAAAATACACAGCTGTTTTCATGGTTTTGGCCAAA
 GGAACACAGCCACATCCTAGGAAAACACACTGATTATGGGACCTTTTGGTACCCAACCATGTAAACAAC
 AATAATCTCTATAAAATTAATCTATAATATAGTCTGGGTGGGCCAGGGATTATTCAGTCTATGTTTCTA
 CAGCATACCCTGCAATATCTATATGATGGCAAAATGGTCAAACAATGCATTTCCAGAAATTTGCTCTGT
 CATGAAATGATACATGACTGTATCTAGCAGAGCAGGTAGACCAGGAAAAAGGAAGCTGTGGAGTGTGGA
 TTTGAACTATTCTGAAATGAAGTCTGGGCTCACTTTAGATTGGACTTAAGACTCTGTCTCCTGAGAA
 GTTTCTGTAATCCCATCTACCTGCCAGAGCTGTGCCGGGTACACACTGTAGAAGATACTGATGAAGGA
 TTTGCTGTGTTCTAACATTATACTCTAAGCAAAGAGCCGTTTTCTCCCTGTCCATTTACCAAGATTGA
 TCATGTACCTTTATAAAGGAAAAAAAACCCCTCAAATTTCCAAGGGGAAAGTTTTTACTGCAAAATATA
 TGCTTTTATTGTAATCCAGGGAAACTAGAGGTCAGAAAAAGAGGTGGCTGAGAGGCATCCCTAGACACC
 AAAGCCCGGAACCTAGGAAGAATCTATGTCAAAGAAGAGATGGCAGGTTGGTGGTTGAGGTTACTTAGT
 TAACCTCTAATGAAATAAACTATATTGAGAATCTCTAATATATATCTTAGTATACTATAAATTTAG
 GGAATAAAATTTATTTGGTGTGATTAATCTTAATAAAAAATACAGTGTACATTTTATCCACTGATATTAT
 GTATCTTATGTTCAATAAATTAATTGGCTTGTCTACTTAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: BC030890

Insert Size: 945 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:

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: [BC030890](#), [AAH30890](#)

RefSeq Size: 2437 bp

RefSeq ORF: 945 bp

Locus ID: 56072

Cytogenetics: 19 A

Gene Summary: Binds lactose. May participate in the apoptosis of adipocytes.[UniProtKB/Swiss-Prot Function]