

## Product datasheet for MC202228

### Lgals4 (NM\_010706) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Lgals4 (NM\_010706) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Lgals4  
**Synonyms:** gal-4  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC030297 sequence for NM\_010706  
 CCACGCGTCCGGGGCCCTAAGAGGGTCAGCATCCCTGCTAGGATGGGAGACAAGGGTGTGCCTAGAAGT  
 CTCACACCAGAGAGACCTCCTGTACTCTCTCCCCTGCCAGCCACTCCCTCTAGTATAAGGGCCACCTGCAG  
 CCAGCCACCACTTCCCACACATCTTTCTTCCAGGCAAGCTATCAGCCCAGACTCTCAAGATGGCCTAT  
 GTTCCAGCACCCGGCTACCAGCCACCTACAATCCGACTCTGCCCTACAAGAGACCCATCCCAGGTGGCC  
 TCAGTGTCCGGATGTCCGTTTACATCCAAGGAATGGCCAAAGAGAACATGAGACGGTTCCACGTGAAGT  
 CGCTGTGGGGCAGGATGATGGGGCGGATGTTGCTTCCACTTCAATCCCCGCTTTGATGGCTGGGACAAG  
 GTGGTCTTCAACACGATGCAAAGTGGACAATGGGGCAAGGAAGAGAAGAAGAAGAGCATGCCTTTCCAGA  
 AGGGCAAGCACTTCGAGCTGGTGTTCATGGTCATGCCTGAGCACTACAAGTTCGTGGTGAACGGAAATTC  
 CTTCTATGAATACGGGCACCGGTTACCTGTACAGATGGTCACCCATCTGCAAGTGGATGGGGACCTGGAA  
 CTTCAGTCCATCAACTTCTCGGAGGCCAACCAGCTGCAGCCCCATATCCGGGAGCCATGACTATTCAG  
 CTTACCCTGCTGGGAGTCTGGGTACAACCCTCCACAGATGAACACCTTGCCTGTGATGACAGGACCCCC  
 AGTCTTCAATCCGCGTGTGCCATATGTGGGGGCTGCGAGGGGGCCCTACAGTCCGAAGAACCATCATA  
 ATCAAGGGATATGTACTTCTACAGCCAGGAACCTTTGTCATCAACTTCAAGGTGGGATCGTCCGGAGACA  
 TAGCTTTACACCTAAACCCCGCATAGGTGACAGTGTGGTTTCGCAACAGCTTTATGAATGGCTCTTGGGG  
 CGCTGAAGAGAGGAAGGTGGCCTACAACCCATTTGGCCCTGGGCAGTTCTTTGATCTGTCAATCCGCTGC  
 GGCATGGATCGATTCAAGGTGTTTGCCAATGGCCAGCACCTTTTCGACTTCTCCCATCGGTTCCAAGCAT  
 TCCAAATGGTAGACACGCTGGAGATCAATGGTGACATCACCTTGTCTACGTCCAGATCTGAGCTCCTCC  
 TGGGGAAGGAAGCAGAAAGATCCCCGAGTTCATCTAAGCTCCTAATAAAATGTTGAAGGAGAAAAAAA  
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_010706  
**Insert Size:** 981 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">BC030297</a> , <a href="#">AAH30297</a>
<b>RefSeq Size:</b>	1297 bp
<b>RefSeq ORF:</b>	981 bp
<b>Locus ID:</b>	16855
<b>UniProt ID:</b>	<a href="#">Q8K419</a>
<b>Cytogenetics:</b>	7 16.94 cM
<b>Gene Summary:</b>	Galectin that binds lactose and a related range of sugars.[UniProtKB/Swiss-Prot Function]