

Product datasheet for **MC200101**

Galns (NM_016722) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Galns (NM_016722) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Galns
Synonyms:	mFLJ00319
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC004002 sequence for NM_016722
 GCTATGGCGGCCTGTACCGCAGCCAGCAGCTGCTGCTGGTACTGAGTGCCTAGGACTCTTGGCCGTAG
 GTGCTCCGCAGCCCCCAACATCGTGCTACTGCTCATGGACGATATGGGGTGGGGTGA
 TGGAGAACCTTCCAGAGAGACCCCAATTTAGACCCGGATGGCTGCAGAAGGGATGCTTTTCCCAAGCTTC
 TATTCTGCCAACCTTTGTGCTACCATCTAGGGCAGCCCTGCTCACAGGACGGCTGCCCATCCGCAATG
 GCTTCTACACAACCAACGCTCATGCAAGGAATGCTTACACACCTCAGGAGATCATGGGTGGGATCCCTAA
 CTCAGAGCACCTCCTGCCCGAGCTCCTGAAGAAGGCAGGCTATACCAACAAGATCGTGGCAAGTGGCAT
 CTGGGTATAGGCCCAAGTTCCACCCCTGAAGCATGGATTTGACGAGTGGTTGGATCCCCAACCTGTC
 ACTTTGGACCGTATGACAACAAGGCCAAGCCCAACATCCCTGTGTACAGGACTGGGAGATGGTCCGCAG
 ATTTTATGAAGAGTTCCCAATTAACCGGAAGACTGGGGAAGCTAACCTCACCCAGCTCTACTTACAAGAA
 GCTCTGGACTTATCCGGACACAACATGCAAGGCAGGGCCCTTCTTCTCTACTGGCCATCGACGCCA
 CTCATGCACCAGTTTATGCCTCAAGACAGTTCTTGGGCACCAGCCTTCGAGGGCGGTATGGCGATGCTGT
 TCGGGAATAGATGACAGTGTGGGAAGATCTTGAACCTTCTGCAGAACTGGGCATCAGTAAGAACACA
 TTTGTCTTCTTACGTCTGATAATGGTGGCCCTCATTCTGCTCCCAACGAAGGTGGCAGCAACGGTC
 CCTTCTGTGTGGGAAGCAGACGACATTTGAAGCGGGATGAGGGAGCCTGCGATCGCATGTTGGCCAGG
 ACACATTGCTGCAGGCCAGGTACGCCACAGCTGGGAAGCATCATGGATCTTCCACCACAGCCTGTCC
 CTTGCAGGCCTGAAGCCCCCAGTGACAGGGTATTGATGGACTTGACCTCCTCCCACCATGCTCAAGG
 GCCAGATGATGGACAGGCCCATATTTTATTACCGTGGCAACACTCTGATGGCAGTCACTTGTGGCCAGTA
 CAAAGCACACCTCTGGACTTGGACCAACTCCTGGGAGGAGTTCACACAGGGCACTGACTTCTGCCCGGG
 CAGAACGTCTCAGGAGTCAACCCACACCCAGGAAGAACACACGGAGCTACCCCTGATCTTCCACTGG
 GACGGGACCCAGGGGAGAGATTTCCACTCAGCTTCCACAGTGACGAATACCAGGACGCCCTCAGCAGGAC
 CACCCAGGTTGTCCAGGAGCACAAAAGTCTTGGTCCCCGACAGCCCCAGCTCAATGTGTGAACCCAG
 GCTGTCAATGAATTGGGCGCCCCAGGCTGTGAAAAACTAGGGAAGTGTCTGACACCTCCTGAGTCTGTCC
 CTGAGAAGTGTTTCTGGGCCATTAGCCAAGACCAGAATCTCCAGCCAGCCTGCAAGTGCCTGGGAGAC
 CTTGTCTTCCGACTGATGAATGGAAGAGACCAGCTGCCCTCTGCCACCACATCCCTGCATGGACGGCCC
 CTGCAACCAGGTGCAAGGCTCCAAGACTGCTCATCTGGAGCCCTGACCTGTAGTCCGCTCTCGAGCAC
 CACAGCCCATCTTGCCAACTGGCTCCTGAAAAGGAAGCCGGGGCCTTGATCACCGTAGGTACGCCAGCCC
 AGGGTCTGAAGCACTGCTACTGTCCCTGCATACATTTCAACCTAGGTGTCGTACACAAAAGTGAAGATTT
 CAGCGAAATGCCAAGGAAGTCCATCTATCTGGCTTCTCCCCAGGCCAACCTCTGAGCCACCCTACCT
 CTTTTGCACTGGTACAAAACAAAAGACAAAGACAGCACCTTTTCCAGTCAAGGTGGCATCTGCACTGCC
 CATGGAGATGGGAAGATGACAGCCTAAGTTTCTGGCCCTGGCTCAGGGCAGTATGGGGCCACTTCTGTAA
 CCTGCCACCTCTCATGTGCTCCACATAATCTCCAAGACCTTTCTCTGAAGGCTCATGGGAGCTGTCCGC
 CATGGACAAGTTTTACATCTGTGCAAGTAACTGCAGAGCCAAGGTTGAGCTGTAACGGTTGGGAAATGAT
 GGTGAAGAGACTGAGAGGAAGAATAAAGGAACAGGAGGGGGTTAGCTCTGGTAGCCCCAAGTCTATTTT
 TGGGTTGGTTGGTTGGTTTGGACAGGGTTTCTCTGTGAGGTGCTGGCTCTCCTGGAATCACTCTGTAG
 GACAGGCTGGCTTTGAACCTCAGAGATCTGCCTGCCTCTCTTGGGAGTGTGGGATTAAGGGCTGCGCCA
 TCATGAGACCAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_016722

Insert Size: 1563 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: [BC004002](#), [AAH04002](#)

RefSeq Size: 2475 bp

RefSeq ORF: 1563 bp

Locus ID: 50917

UniProt ID: [Q571E4](#)

Cytogenetics: 8 E1