

Product datasheet for **RN201689**

Galns (NM_001047851) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Galns (NM_001047851) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Galns
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201689 representing NM_001047851
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACGGCCTGTTCACAGCGATCAGGGCCAGCAGCTACTGCTGCCGGTACTGAGTGCTCTAGGACTCT
 TGGCTGCAGGTGCTCCGCAGCCCCCAACATTGTGCTACTGCTCATGGACGATATGGGGTGGGGTGACCT
 GGGTGTGTATGGAGAACCTTCCAGAGAGACCCCAATTTAGACCGGATGGCTGCAGAAGGGATGCTTTTC
 CCAAGTCTATTCTGCCAACCTTTGTGCTCACCATCTAGGGCAGCCCTGCTCACAGGACGGTTGCCCA
 TCCGCAATGGCTTCTACACAACCAACGCACATGCAAGGAATGCTTACACACCTCAGGAGATCATGGGCGG
 GATCCCTAACTCAGAACACCTCCTGCCTGAGCTCCTGAAGAAAGCAGGCTATACCAACAAGATCGTGGGC
 AAATGGCATCTGGGTATAGACCCAGTCCACCCCTGAAGCATGGATTTGATGAGTGGTTTGGATCCC
 CCAATTGTCAATTTGACCATAACGACAACAGGTCAAGCCCAACATCCCTGTGTACAGGGACTGGGAAAT
 GGTGGCAGATTTATGAAGAGTCCCAATCAACCTAAAGACCGGGAAGCTAACCTCACCAACTCTAC
 TTACAAGAAGCTCTGGACTTCATCCGGACACAACATGCAAGGCAGAGCCCTTCTTCTCTACTGGGCCA
 TCGACGCCACACACGCACCAAGTGTATGCCTCAAAAACAGTTCTGGGTACCAGCCTTCGAGGGCGTTATGG
 CGATGCTGTCCGGGAAATAGATGACAGTGTGGAAAGATCCTGAGCCTTCTGCAGAACTTGGGCATCAGT
 AAGAACACATTTGTCTTTTACGTCTGACAATGGTGCAGCGCTCATCTGCTCCCAAAGAAGGTGGCA
 GCAATGGTCCCTTCTGTGTGGGAAGCAGACTACGTTTGAAGGCGGGATGAGGGAGCCTGCAATCGCTTG
 GTGGCCAGGGCACATTGCCGCAGGCCAGGTCAGCCACCAGCTGGGAAGCATCATGGACCTTCCACCACC
 AGCTGTCCCTTGACGGCCTGAAGCCCCCAGTGACAGGGTAATTGATGGCCTTGACCTCCTCCCCACCA
 TGCTCCAGGGCCACATCATAGACAGGCCCATATTTTATTACCGTGGCAACACACTGATGGCAGTCACTCT
 TGGCCAGTACAAAAGCACACCTCTGGACTTGGACCAACTCCTGGGAGGAGTTGAGACAGGGCATTGACTTC
 TGCCCCGGGCAGAATGTTTCAGGAGTCACAACCCACACCCAGGAAGAGCACACGGAGCTACCCCTGATCT
 TCCACCTGGGACGTGACCCAGGGGAGAGATTCCCACTCAGGTTACCAGCAATGAGTACCAGGATGCCCT
 CAGCAGGACCACCCAGGTCATCCAGCAACACAAAAGTCTTTGGTCCCTGGACAGCCCCAGCTCAATGTG
 TGTAAACCAGGCTGTATGAATTGGGCGCCTCCAGGCTGTGAAAACTAGGGAAAGTGTCTGACACCTCCTG
 AGTCTGTCCCCGAGAAGTGTCTGGGCCAT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001047851

Insert Size: 1575 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: [NM_001047851.1](#), [NP_001041316.1](#)

RefSeq Size: 1575 bp

RefSeq ORF: 1575 bp

Locus ID: 292073

UniProt ID: [Q32KJ6](#)

Cytogenetics: 19q12