

Product datasheet for **RN205860**

Galc (NM_001005888) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Galc (NM_001005888) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Galc
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205860 representing NM_001005888
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACCGCCGCCGGGCTCGGCGAGCCGTGTCGCGGTGCCCTTGTGTTGTGCGCGATGCTGGCGCCCA
 GCGGCGCCTACGAGCTAGACGACTCCGACGGGCTGGGCCTGGAGTTCGATGGCATCGGCGCAGTCAGCGG
 CGGCGGGGCAACCTCCCGGCTTCTAGTAAATTACCCAGAGCCCTATCGTTCTGAAATACTGGATTATCTA
 TTTAAGCCAAACTTCGGTGCCTCTCTGCATATTCTAAAAGTGGAAATAGGTGGCGATGGACAAACAACAG
 ACGGCACTGAACCCTCCACATGCACTATGAGCTAGATGAGAATTATTTCCGAGGCTATGAGTGGTGGCT
 AATGAAGGAAGCTAAGAAGAGGAACCCAAATATTACTTATGGGGTTGCCATGGTCATTCCCTGGATGG
 CTGGGCAAAGGCTTCAGTTGGCCTTATGTAATCTTCAGCTGACTGCCTTCTATATTGTGAGATGGATTT
 TGGGTGCCAAGCATTATCATGACCTGGACATTGATTATATTGGGATATGGAATGAAAGGCCGTTTGTATGC
 CAACTATAAAGGAATTAAGAAAAATGCTTGATTATGAAGGTCTCCAGCGAGTGAGAATCATAGCAAGT
 GATAATCTCTGGGAGCCAATTTCTCTTCTGTGCTGCTTGACCAGGAGCTCTGGAAGGTGGTTGATGTTA
 TAGGAGCTCATTATCCCGAACCTACACAGTCTGGAATGCAAAGATGTCAGGGAAGAAGCTTTGGTTCGTC
 GGAAGACTTTAGCACTGTCAACAGTAATGTTGGCGCAGGCTGTTGGGGTTCGCATATTGAACCAGAATTAC
 ATCAACGGCAATATGACCGCCACAATTGCTTGGAAATTTGGTGGCTAGTTACTATGAAGAATTGCCCTATG
 GACGAAGTGGATTGATGACAGCCAGGAGCCGTGGAGTGGACATTATGTAGTAGCATCTCCTATCTGGGT
 ATCAGCTCATACAACCAATTTACTCAACCAGGCTGGTATTACCTGAAGACAGTTGGCCATCTAGAGAAA
 GGAGGAAGCTATGTAGCTCTGACTGATGGCTTGGGGAATTTACCATCATCGTTGAAACTATGAGTCGTC
 AACATTCTATGTATACGGCCATCTACCGTATTATAATGTCTCACGTCAGCTGGCCACCTTCATTCT
 AAAGGGTCTTTTGAAGAAATACAAGAGCTGCAGGTGTGGTACACCAAGCTTGAACAACACCAGAGAAA
 CTTCAATTTAAACAACCTGAAAACCTATGGCTCCTTGACGGCAGCGGAGTTTCTCACTGGAACCTGGAGG
 AGGATGAGATGTTCACTCACTCACTCTGACCACAGGGCACAAGGCAGTACCCTCCCCCTCCCAAGTC
 ACAGCCCTTCCCAACCAGCTATAAGGATGATTTCAACGTTGAGTACCATTATTTAGTGAAGCTCCGAAT
 TTTGCTGATCAGACCGCGTGTTCGAGTACTACACGAATAACGAAGACCTTGAGCATCGTTCACACTGC
 GCCAAGTTCTCAACCAACGACCTATTACCTGGGCCGCGGATGCCTCCAGCAGCATCAGTGTATAGGCGA
 TCACCACTGGAGCAACATGACTGTGCAGTGTGATGTTTACATAGAGACTCCTCGGACTGGCGGTGTGTTT
 ATTGCTGGAAGAGTGAATAAAGGTGGTATCTTGATCAGAAGTCTCAGGAGTTTCTTCTGGATTTTGG
 CAAATGGCTCTTACAGAGTTACAGCCGACTGGGTGGGTGGATAACATATGCTTACAGGACATGCTGACGT
 TACAGCAAAGCGATGGTATACACTCACCTTAGGCATTAAGGGTTATCTCGCCTCTGGTATGTTGAACGGC
 AAGATCTGTGGGAAAATGTGCCGTGAAATACCCAGGGCATGGCTGGGCTGCGATCGGAACGCATACCT
 TCGAGTTTGCAGTTTGACAACTTTCATGTGGAAGCTGCTCGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001005888
- Insert Size:** 2007 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_001005888.1](#), [NP_001005888.1](#)

RefSeq Size: 2054 bp

RefSeq ORF: 2007 bp

Locus ID: 314360

Cytogenetics: 6q32