

Product datasheet for **RN201207**

Galr3 (NM_019173) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Galr3 (NM_019173) Rat Untagged Clone
Tag: Tag Free
Symbol: Galr3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN201207 representing NM_019173
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGACATCCAGAACATTTTCGCTGGACAGCCAGGGAGCGTAGGGGCTGTGGCAGTGCCTGTGATCT
TTGCCCTCATCTTCTGTTGGGCATGGTGGCAATGGGCTGGTGTGGCTGTGCTACTGCAGCCTGGCCC
AAGTGCCTGGCAGGAGCCAAGCAGTACCACAGATCTTTCATCCTCAACTGGCCGTGGCCGACCTTTGC
TTCATCCTGTGCTGCGTGCCTTCCAGGCAGCCATCTACACACTGGATGCCTGGCTCTTTGGGGCTTTCG
TGTGCAAGACGGTACATCTGCTCATCTACCTCACCATGTATGCCAGCAGCTTACCCCTGGCGGCCGTCTC
CCTGGACAGGTACCTGGCTGTGCGGCACCCACTGCGCTCCAGAGCCCTGCGCACCCCGCGCAACGCGCGC
GCCGCCGTGGGGCTCGTGTGGCTGCTGGCGGCTCTTTTTCCGCGCCCTACCTAAGCTATTACGGCACGG
TGCGCTACGGCGCGCTCGAGCTGCGTGCCCGCTTGGGAGGACGCGGGCGCGCGCTGGACGTGGC
CACCTTCGCCGCGGGCTACCTGCTGCCGGTGGCCGTGGTGGAGCCTGGCCTACGGACGCACGCTATGTTTC
CTATGGGCCGCCGTGGTCCCAGCGGGCGCGCGCAGAGGCGCGCAGACGGGCGACCGGCCGGGCGG
GACGCGCCATGCTGGCAGTGGCCGCGCTCTACGCGCTTTGCTGGGGCCCCCACCACGCGCTCATCCTCTG
CTTCTGGTACGGCCGCTTCGCCTTCAGCCCGGCCACCTACGCCTGTGCCTGGCCTCGCACTGCCTCGCC
TACGCCAACTCCTGCCTAACCCGCTCGTCTACTCGCTCGCCTCGCGCCACTTCCGCGCGCGCTCCGCC
GCCTGTGGCCCTGCGGCCGTGCGCCGCCACCGCCACCACCACCGCGCTCATCGAGCCCTCCGTGCTGCCA
GCCGGCGTCTTCGGGCCCGCGGTTATCCCGGCGACGCCAGGCCTCGTGGTTGGAGTATGGAGCCAGA
GGGGATGCTCTGCGTGGTGGTGGAGAGACTAGACTAACCTGTCCCCAGGGGACCTCA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_019173
Insert Size: 1113 bp



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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:	<ol style="list-style-type: none">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:	<u>NM_019173.1</u> , <u>NP_062046.1</u>
RefSeq Size:	1163 bp
RefSeq ORF:	1113 bp
Locus ID:	29235
UniProt ID:	<u>O88626</u>
Cytogenetics:	7q34
Gene Summary:	binds galanin; mediates activation of GIRK1 and GIRK4 channel inward K ⁺ currents; may play a role in neurotransmitter release [RGD, Feb 2006]