

Product datasheet for RN206543

Galr1 (NM_012958) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Galr1 (NM_012958) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Galr1
 Synonyms: Galnr1
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN206543 representing NM_012958
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGA**ACTGGCTCCGGTGAACCTCAGTGAAGGGAATGGGAGCGACCTGAACCTCCAGCGGAACCCAGGC**
 CGCTCTTCGGCATCGGCCTGGAGAACTTCATCACGCTGGTGGTGTGGCCCTATTTTCGCGATGGCGT
 GCTGGCAACAGCCTGGTATCACCGTGTGGCGCAGCAAACCGGGCAAGCCGCGCAGCACCAAC
 CTGTTTCATCCTCAACCTGAGCATCGCAGACCTGGCCTACCTGCTCTTCTGCATCCCTTCCAGGCCACCG
 TGTACGCACTGCCACCTGGGTGCTGGGCGCCTTCATCTGCAAGTTTATACACTACTTCTTCACCGTGTC
 CATGCTCGTGAGCATCTCACCTGGCCGCGATGTCTGTGGATCGCTATGTGGCCATTGTGCATTACCGG
 CGCTCCTCCTCCCTCAGGGTGTCCCGCAACGCGCTGTGGGCGTGGGCTTCATCTGGGCGTGTCCATCG
 CTATGGCCTCGCCGGTGGCCTACTACGAGCGCTTTTTCATCGGGACAGCAACCAACCTTCTGTGGGA
 GCACTGGCCCAACCAACTCCACAAGAAGGCTTACGTGGTGTGCACTTTTCGCTTTGGTTACCTTCTGCC
 TTA**CTGCTCATCTGCTTTTGCTATGCCAAGTTCTCAATCATCTGCATAAAAAGTTGAAGAACATGTCAA**
 AAAAGTCAGAGGCATCCAAGAAAAGACTGCACAGACTGCTGGTGGTGTGGTATTTGGCATATC
 ATGGCTGCCCATCATGTATCCACCTCTGGGCTGAGTTCGGAGCATTCCCGCTGACCCAGCTTCCCTTC
 TTCTTCAGAATCACTGCCACTGCCTGGCATAACAGCAACTCCTCGGTGAACCCCATCATCTACGCCTTTC
 TCTCAGAAA**ACTCCGGAAGGCGTACAAGCAAGTGTCAAGTGCCGTGTTGCAATGAGTCGCCGACCG**
 CGATGCTAAAGAAAAGAACCGAATAGATACCCCGCCCTCCACCAACTGCACCCACGT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_012958



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Insert Size:	1041 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:	<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:	NM_012958.2 , NP_037090.2
RefSeq Size:	2251 bp
RefSeq ORF:	1041 bp
Locus ID:	50577
UniProt ID:	Q62805
Cytogenetics:	18q12.3
Gene Summary:	G-protein coupled receptor that binds the neuropeptide galanin; inhibits cAMP formation [RGD, Feb 2006]