

Product datasheet for RN202350

Galt (NM_001013089) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Galt (NM_001013089) Rat Untagged Clone
Tag: Tag Free
Symbol: Galt
Synonyms: MGC112778
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN202350 representing NM_001013089
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTTCGAAAGCGGAGCCGATCCTGAGCAGCGCCAGCAGGCTTCAGAGGGGACGCCATGGCAGCGACCT
 TCCGGGCGAGCGAACACCAGCATATTCGCTACAACCCGCTCCAGGATGAGTGGGTGTAGTGTGAGCCCA
 TCGCATGAAGCGGCCCTGGCAAGGACAAGTGGAGCCCCAGCTTCTGAAGACGGTCCCCGCCATGACCCA
 CTC AACCTCTGTGTCCCGGGCCACACGAGCTAATGGGGAGGTGAATCCCCCTATGATGGCACCTTCT
 TATTTGACAATGACTTCCCGGCTCTGCAGCCCGATGCTCCGGATCCAGGACCCAGTGACCACCTCTCTT
 CCGAGTGGAGGCCCGCAGAGGAGTTTGTAAAGTTCATGTGCTTCCACCCCTGGTCCGATGTGACGCTGCCA
 CTCATGTCTGTCCCTGAGATCCGAGCTGTATCGATGCATGGGCCTCAGTCACAGAGGAAGTGGGCGCC
 AGTACCCTTGGGTGCAGATCTTTGAAAACAAAGGAGCCATGATGGGTGCTCTAACCCCATCCCCACTG
 CCAGGTTTGGGCTAGCAATTTCTGCCAGATATTGCCAGCGTGAAGAGCGATCCAGCAGACTTATCAC
 AACCAGCATGAAAAGCCTTTATTATTGGAATATGGCCACCAAGAGCTCCTCAGGAAGGAACGTCTGGTCC
 TAACCAGTGAGTACTGGATAGTTCTGGTCCCCTCTGGGCAGTGTGGCCTTCCAGACATTACTGCTGCC
 CCGACGGCACGTGCAGCGGTACCTGAGCTGACCCCTGCTGAGCGTGATGATCTAGCCTCCACCATGAAG
 AAGCTCTTGACCAAGTATGACAACCTGTTTGAGACGTCCTTCTTACTCCATGGGCTGGCACGGGGCTC
 CCATGGGATTAAGACTGGAGCCACCTGTGACCACTGGCAGCTCCATGCTCACTATTACCCCCACTCCT
 GCGATCGGCTACTGTTCCGAAATTCATGGTTGGCTATGAAATGCTTGCCAGGCCAGCGTGACCTCACT
 CCCGAACAGGCTGCAGAAAGATTAAGGGTGTCCCTGAGGTACACTATTGCTGACGCAGAAAGACAAGG
 AAACAGCAGCCACCGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001013089
Insert Size:	1140 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:	<u>NM_001013089.2</u> , <u>NP_001013107.1</u>
RefSeq Size:	1375 bp
RefSeq ORF:	1140 bp
Locus ID:	298003
UniProt ID:	<u>P43424</u>
Cytogenetics:	5q22
Gene Summary:	Plays an important role in galactose metabolism.[UniProtKB/Swiss-Prot Function]