

Product datasheet for RN214394

Gal (NM_033237) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gal (NM_033237) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gal
Synonyms:	Galn
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN214394 representing NM_033237 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCAGGGGCAGCGTTATCCTGCTAGCCTGGCTCCTGTTGGTTGCAACCCTGTCAGCCACTCTGGGGC
TCGGGATGCCAACAAAGGAGAAGAGAGGCTGGACCCTGAACAGCGCTGGCTACCTTCTGGGCCACATGC
CATTGACAACCACAGATCATTTAGCGACAAGCATGGCCTCACAGGCAAGAGGGAGTTACCACTGGAAGTG
GAGGAAGGAGACTAGGAAGTGTGCTGTGCCCTGCCTGAGAGCAATATCGTCCGACTATAATGGAGT
TTCTCAGTTTCTGCACCTTAAAGAGGCCGGGGCCCTCGACAGCCTGCCTGGCATCCCCTGGCCACCTC
CTCAGAAGACCTAGAGCAGTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_033237
Insert Size:	375 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).



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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_033237.1</u> , <u>NP_150240.1</u>
RefSeq Size:	699 bp
RefSeq ORF:	375 bp
Locus ID:	29141
UniProt ID:	<u>P10683</u>
Cytogenetics:	1q42
Gene Summary:	binds G-protein coupled receptors GalR1, GalR2, and GalR3; involved in negative regulation of immature thymocyte proliferation; plays a role in regulation of the immune system [RGD, Feb 2006]