

Product datasheet for **RN209786**

Gal3st4 (NM_001109064) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gal3st4 (NM_001109064) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gal3st4
Synonyms:	RGD1561105
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN209786 representing NM_001109064
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCCCTCTGTCTCCTGCCAGGACCATGAGGCTCTGGAGGCCCTCGTAGCCTGGGGTGGCTCTGGGAG
 TCTTCATGACCATCGGATTTGGCCTTCAGTTCTTGGGGGATCATTCCAGAGGAGGCTACCTGGACTGCA
 GTTCCGACAGTCTGGATCCCTTCACTGGGACCAACTGTTAAGTCTTGCCTACCCCGACAGCGACTTGTA
 TTCCTGAAGACACAAAATCTGGGAGCAGCTCTGTAACAATCTCCTTCATCGCTACGGGGACCAGCAAG
 GGCTACGTTTTGCCCTGCCTGCCACTACCAGTTGGCTACCCAAAGCTTTCCAGGCCTCTAAGGTCAA
 AGGCTACCATCCTCAGAGTTCGGATACCCAGAAGCCTTCCATATCCTCTGTCATCATGAGATTCAAC
 CTCAAAGAGTACTTCAGGTCATGCCTTCTGATAGCTTCTTCTTTCCATTGTCGAGATCCAGCGGCTC
 TAGCTCGCTCGCCTTCTCCTATTACAAATCAGCTTCATCGGCTTCCGAAAGGCACCATCTTTGGCCGC
 CTTCTGTCCAACCTCGAGCCTTCTACAGACCCGGGGCCGAGGCAACCATTATGCCCGTAACCTACTA
 TGGTTCGACTTTGGTTTGCCTTCCCCCAGAGACAAAGACCATGAGAGTGAGTCCCATCTACCCAGAG
 ACCCCAAATCCCTCCAGCTACATATTGTACCTTCTGGTGCTAGTCTGGAACCTCTTCCGACCTATTAC
 CACAGTGGCCGATAGTTACAAGCAGCCAGCCAGTCTTGCCTCCTCAGATTTGGGCCCTCATCCTTTATT
 CAGTGGGGTCTGGCCTGGTTGGACTCGGTCTTTGACCTGGTGATGGTGGCTGAGTACTTTGATGAGTCAT
 TGGTCTGTTGGCAGATGCCCTGTGCTGGAGTCTGGATGATGTGGTGGGCTTCATGCACAATGCCAGGC
 TGGAAAGTGAAGAGTATTCTCAGTACTGCCAATAAGACTGTGGCGACTGGTGAGGATCAGCAGCTGACC
 AAACAGGCCCGAGCTTGAATAACCTAGACTGGGCTCTTATATCCACTCAACCGTAGCTGTGGGCAC
 GGATAGAACAATATGGCCGGAGTCGATGCAACGTGCTGTGGCTGAGCTCCGGGCTCGAAGAGAAGCTCT
 GGCTAGGCGTTGCCTGATGGGCGGTGAGGCTTTAGACCCAAATACATCACTGATGTAAGACTCCGTCT
 TTCCAGTTGGATCAGCTAAGGTATTGGCTATGTAACAATGGACTGAACAGAAAGACCAAGAGG
 AATGTGAACGCTTGGCTACCCCTGAGCTACAGTATAAGGATAAAGCTTACGCTAAGCAGTTTCTCCTGT
 AGTCTCCTTGCCTCTCAAGACCTCAAAGCCACTGACCCCA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001109064
- Insert Size:** 1443 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_001109064.1](#), [NP_001102534.1](#)
RefSeq Size: 2207 bp
RefSeq ORF: 1443 bp
Locus ID: 498166
Cytogenetics: 12q11