

Product datasheet for **RN212210**

Gata1 (NM_012764) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gata1 (NM_012764) Rat Untagged Clone
Tag: Tag Free
Symbol: Gata1
Synonyms: Eryf1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN212210 representing NM_012764
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGATTTTCCTGGTCTAGGGGCCCTGGGAACCTCAGAACCTTGCCCCAGTTTGTGGATTCTGCCCTGG
TGTCTCGACATCAGACTCAGCGGTTTCTTTCTCTGGCCTGAGAGTTTGGATACAGCATCTTCTCT
CACTTCTCCAAATGCAGCCACGGCAGCAGCCACGGCACTGGCCTACTACAGAGAAGCTGAGGCCACAGA
CACTCCCCAGTCTTTAGGTGTACCCGCTGCTCAACAGTATGGAGGGAATCCAGGGAGCTCACCTATG
CTAGCTGGGCCTATAGCAAGACGGCGCTTACCCTGCCTCAACTGTATGTCCCAGTCATGAGGATGCCCC
TTCCCAGACCCTGGAAGACCCAGATGGGAAGAACAATAACATTCTGGAAACCTTGAAGACGGAGCGG
CTGAGTCCAGACCTCCTGACCCTGGGACTGCACTGCCTACATCACTCCCTGTCACCAGCAGTGCTTATG
GGGAGCTGACTTTCCAGTCTTTCTTCTCTCCCACTGGGAGCCCTCTCAGCTCAGCAGCCTATTCTTC
CCCCAAGTTTCATGGAAGCCTACCATTGGCTCCTTGTGAGGCCAGAGAGTGTGTAAGTGTGGAGCAACG
GCTACTCCACTGTGGCGGAGGGACAGGACAGTCACTACCTGTGCAATGCTTGTGGCTTGTATCACAGA
TGATGGTGCAGAACCAGCCTCTCATCCGGCCCAAGAAGCGAATGATTGTCAGCAAGCGAGCAGGCCCA
ATGCATAAATGTCAAACAACAACCACGACCCCTCTGGCGGAGGAATGCCAGTGGAGACCCGGTGTGCAAT
GCCTGCGGCCTCTACTACAAGCTGCACCAGGTGAACCGCCCACTGACCATGAGGAAAAGTGAATCCAGA
CGAGGAACCGCAAGGCATCTGGAAAAGGAAAAAGAAGCGGGGCTCAAGTCTGGCCGGAGCAGGAGCGGC
TGAAGGACCAGCTGGTGGATTATGGTGGTAGCTGGTGGCAGCAGTAGTGGGAATTGCGGAGAGGTGGCC
CCAGGCTTGACACTGGGCACTGCAGTACTGCCATCTCTACCAGGGCCTGGGACCTGTGGTGTCTCAG
GGCCTGTCAGCCATCTTATGTCTTCCCTGGACCTCTGCTGGGATCGCCTACGGCCTCTCCCCACAGG
TCCTGTGCTACCACCACGACTAGCGTAGTGTCTCCACTCAGTTCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_012764
Insert Size:	1242 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_012764.1 , NP_036896.1
RefSeq Size:	1863 bp
RefSeq ORF:	1242 bp
Locus ID:	25172
UniProt ID:	P43429
Cytogenetics:	Xq12
Gene Summary:	transcription factor that may regulate transcription of serine dehydratase [RGD, Feb 2006]