

## Product datasheet for **RN205255**

### Gata3 (NM\_133293) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gata3 (NM_133293) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gata3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN205255 representing NM_133293 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGGAGGTGACTACGGACCAGCCGCGCTGGGTGAGCCACCATCACCCGGCGGTCTCAACGGGCAGCACC  
CAGACACGCACCACCCGGGCTCGGCCATTCGTACATGGACCCGGCACAGTACCCCTGACGGAAGAGGT  
GGACGTACTTTTTAACATCGATGGTCAAGGCAACCACGTCCCGTCTACTACGAAACTCGGTACGGCT  
ACGGTGCAGAGGTATCCTCCGACCCACCACGGGAGCCAGGTATGCCGCCCGCCTCTGCTGCACGGATCTC  
TGCCCTGGCTGGATGGCGCAAAGCCCTGAGCAGCCACCACCCGCTCGCCCTGGAACCTCAGCCCTT  
CTCCAAGACGTCCATCCACCAGGCTCCCGGGGCTCTGTCCGTCTACCCTCCGGCTTCACTCTTCT  
CTGGCTGCGGGCCACTCCAGTCCGCATCTTTACCTTCCCGCCACCCCTCCGAAGGACGTCTCCCCAG  
ACCCGTGCTGTCCACCCGGGATCCGCGGGTCCGGCCAGGCAAGATGAGAAAGAGTGCCTCAAGTATCA  
GGTGCAGCTGCCGATAGCATGAAGCTGGAGACGTCTCATTCCCGAGGCAGCATGACCACCTGGGAGGG  
GCCTCGTCTTCCAGCCACCACCCATTACCACCTATCCGCCCTATGTGCCGAGTACAGTCCGGACTCT  
TCCCTCCAGCAGCCTACTGGGAGGATCCCTACCGGTTCCGGATGTAAGTCGAGGCCAAAGGCAGGATC  
CAGCACAGAAGGCAGGGAGTGTGTGAAGTGCAGGGCAACCTCTACCCCACTGTGGCGGCGAGATGGTACT  
GGGCACTACCTTTGCAACGCCTGCGGACTCTACCATAAAATGAATGGGCAGAACCAGCCCTTATCAAGC  
CCAAGCGAAGGCTGTGAGCAGCGAGGAGCAGGGACTTCTGTGCGAAGTGTGAGACCACCACCACCAC  
CCTCTGGAGGAGGAACGCTAACGGAGACCCCGTCTGCAATGCCTGTGGGCTGTACTACAACTCCACAAT  
ATTAACAGACCCCTGACTATGAAGAAGGAGGGCATCCAGACCCGAAACCGTAAGATGTCTAGCAATCGA  
AAAAGTGCAAAAAGGTGCATGATGCGCTGGAGGACTTCCCAAGAGCAGCTCCTCAACCCGGCTGCTCT  
CTCCAGACACATGTCGTCCCTGAGCCACATCTCCCGTTCCAGCCACTCCAGCCACATGCTGACCACCCG  
ACGCCATGCACCCGCCCTCCGGCTCTCTTCGGACCTCACCATCCATCCAGCATGGTCCACCCATGG  
GTTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_133293
<b>Insert Size:</b>	1335 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_133293.1</a></u> , <u><a href="#">NP_579827.1</a></u>
<b>RefSeq Size:</b>	1335 bp
<b>RefSeq ORF:</b>	1335 bp
<b>Locus ID:</b>	85471
<b>Cytogenetics:</b>	17q12.3
<b>Gene Summary:</b>	transcription factor which is responsible for Th2 commitment during anterior chamber associated immune deviation development [RGD, Feb 2006]