

## Product datasheet for **RN213305**

### **Gatad2b (NM\_001024888) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gatad2b (NM_001024888) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gatad2b
Synonyms:	RGD1308533
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >RN213305 representing NM\_001024888  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGATAGAATGACAGAAGATGCTCTTCGCTGTAATCTTTGAAGAGGAGTTGGACCCGGCAGATGAGC  
 GAGATGATGTCTGGCAAACGACTGAAAATGGAGGGCATGAGGCCATGGAACGGCTGAAAATGTTGGC  
 ACTGCTCAAAGGAAAGATTTGGCAAATCTTGAGGTACCGCATGAGTTACCTACCAAACAAGATGGCAGT  
 GGTGTCAAGAGTTATGAAGAGAACTTAATGGAATCTCAGGCCTCATGGAGACAACAGGACTGCTGGAA  
 GGCCAGGCAAAGAAAACATCAATGATGAACCTGTGGATATGAGTGCTCGACGGAGCGAACAGACCGGAGG  
 AAGGCTAACTCCTCCCCAGATATAATTGTTTTGTCTGATAATGAGGCTCCAGTCCCGATCCAGCTCC  
 CGGATGGAAGAGAGACTCAAAGCAGCCAACCTAGAGATGTTAAGGGAAAGGCATTGAGGAACGGCAGC  
 AGCTTATTAAGCAACTGAGGGATGAGCTAAGATTGGAAGAAGCTCGTCTGGTGTGTTAAGAAAAGTGA  
 ACAGAGTCAGCTACAGAAAGAGAATGTGGTCCAAAAGACTCCAGTTGTACAGAATGCAGCATCTATTGTC  
 CAGCCATCTCCTGCACATGTGGGACAACAAGGCTTATCTAAACTCCCTCCCGGCCCTGGAGCTCAAGGGA  
 TTGAACCTCAAAATCTGAGAACATTACAGGGTCACAGTGTCCAGTTCAGCAGCCAACACCACCCTTCC  
 ACACATGTTGATGTCTCAACGTGTTATTGCACCAAATCCAGCCCAACTTCAGGGCCAGCGGGGGCCACCG  
 AAACCTGGCATTGTACGCACCACAACACCTAACATGAATCCTGCCATCAGTTACCAACCACAGTCAAGTT  
 CTTCTGTTCCCTGTCAGCGCACAAACGTGCTGCCATCTATGAACCTCGCCTCCCATATTCAGCCAGG  
 GACTGTGAACAGAGTGTCTCACCATTCTAGCCCCAGTGCCATGAGCGATGCTGCCAACTCACAGGCT  
 GCAGCCAAATTGGCTCTTCGAAAACAGCTGAAAAGACGCTCCTGGAGATACCACCACAAAACCTCCCG  
 CTCCTTACTTCACTTCTGCTAGTGCAAGCAATAGCGAGTTTATCTACATGGTAGGCCTGGAAGAAGT  
 CGTACAGAGTGTCAATTGACAGCCAAGGCAAAAAGTGTGCCTCACTTCTGAGGGTGAACCCCTTGTATGT  
 GCCAGTGCCGCACAGATTTACCCCTCATTGGAAGCAAGAAAAGAAATGGTAAGATCCTCTGTGAGCAGT  
 GTATGACTTCCAACCAGAAAAGGCTCTAAAAGCTGAACACACTAACCGCTGAAAAACGCTTTCGTTAA  
 AGCTCTACAGCAGGAACAGGAAATTGAGCAGCGGTTACAGCAGCAGGCAGCACTGTCCCAACTACAGCT  
 CCAGCTGTGTCCAGTGTGAGTAAACAGGAGACCATCATGAGACATCATACACTTCGACAGGCTCCACAGC  
 CCCAGAGTAGCCTCCAGCGTGGTATACCCACATCTGCCCGCTCCATGCTTCAAACCTTTCACAGGCACC  
 CCAGTTGTCTGTGCCAGGTGGCCTCCTTGGCATGCCAGGTGTCAACATTGCATACTTGAACACTGGCATC  
 GGAGGACATAAAGCCCAAGCTTGGCAGACCGGCAGCGTGAATACCTTCTAGACATGATCCCTCCAGGT  
 CTATATCTCAGTCCATCAGTGGGCAGAA**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001024888
- Insert Size:** 1782 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\\_001024888.1](#), [NP\\_001020059.1](#)

**RefSeq Size:** 2383 bp

**RefSeq ORF:** 1782 bp

**Locus ID:** 310614

**Cytogenetics:** 2q34