

Product datasheet for **RN217021**

Gatad2a (NM_001013881) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gatad2a (NM_001013881) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gatad2a
Synonyms:	RGD1310596
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217021 representing NM_001013881
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTGAAGAAGCATGCCGAACCCGAGTCAGAAGCGAGCCTTTGAACCTGACCTAACGGAGGATGATG
 TGGAGAGCAAGAAAATGAAAATGGAGAGAGGACCATCAGAACTGCCGGTGGATGGAGACAGCAGGGTATG
 GCCAGAGCCAGTGCAGGCCAGCCAGGGTTGCTGAGGACAACAGAGGCCATGGGCACAGGATCTGGC
 GAAGGGCTGTTAGGAGACGGCCTGTGGACATGCGTACCTCACACAGTGACATGAAGTCTGAGAAGAGAC
 CTCCCTCGCTGATGTGATTGTGCTCTCTGACAGCGAGCAGCCATCAAGCCCAGGGTGAATGGCCTGAC
 CACAGTGGCCTTGAAAGACACCAGCACTGAGGCGCTCTTGAAAAGCAGCCAGAAGAGCGAGAACGGATG
 ATCAAGCAGCTGAAGGAGGAATTGAGGCTAGAGGAAGCAAAGCTGGTCTTGTGTAAGAAGCTGCGACAGA
 GTCAAATACAGAAGGAAGCCACTGCCAGAAGCCTACAGCTTCTCAGGGAGCACTGTGACCACCCCTCC
 CCCACTCGTGCAGGGTCCCAGAACATTCTGCTGGCAAGCCATCACTCCAGACCTCTCCACTCGGATA
 CCCGGCAGCATATCCCACCACCACTGGTCCGAGGTGGGAGCAGGTGTCTGCCAAACTGGGACCACAGG
 CCAGCTCTCAAGTAGTCATGCCACCCTTGTGAGGGGAGCCAGCAGATTCAACAATCAGACAGCATTC
 CTCCACGGGGCCACCACCCCTCCTCTGGCCCCCGTGCCTCAGTGCCAGCATGCAGATTAGGGACAG
 AGGATCATCCAGCAGGGACTCATCCGGGTGCCTAATGTCCCAACACCAGTCTGCTCGTCAATATCCCTC
 AGCCTACGGCAGCCTCACTGAAGGGGACAACAGTTGGCTCTGCTCAGGCAAACCTCCACTCCCAGCAGTGT
 GGCTTCTGTGGTTGCCTCTGCTGAGTCCCAGCTAGCCGGCAGGCTGTGCCAAGCTAGCGCTGCGCAAG
 CAGTTGGAGAAGCACTGCTGGAGATCCCCCACCCAAGCCCCCTGCTCCGGAGATGAATTCTTGCCCA
 GTGCTGCCAACAAATGAATTCATCTATCTGGTCCGCTTGAGGAAGTGGTGCAGAACCTGCTGGAGACGCA
 AGCGGGCAGGATTTCTGCCACCTCAGCTGCTGCCGTGTTATCCCGGAGCCTTACATGTGTGTCAGTGT
 AAGACAGACTTCACATGCCGCTGGCAGAGAAAGGTGGAGCTGTGATGTGTGAGAACTGCATGACATCCA
 ACCAAAAGAAGGCACTAAAAGTGGAGCACACCAGTCGCCTGAAGGCCCTTCGTGAAGGCCTACAACA
 AGAGCAGGAGATGGAGCAGGACTGCTGCAGCAGGGCGTAGGCACCGCCAGCATCAAGGCTGAGACCGCA
 GCTCCACATCCCTCGTGAAGCAGGTCATAAAGCCCCGACGTAAGTTGGCGTTCGCTCAGGAGAGGGCC
 GTGACTGGAATAACGGGTCGTAACAGACTTCCAGCCAGCTGTCCCGGGTTCAGCCACAACACCTCG
 TGGTGTCTGCACACTTTCAGCCAGTACCCAACTGCAGAACGCAGCCTCAGCTACGGCCCTGGTAAGC
 AGGACTGGCAGACATTCGAGAGAGTCTGGGCACCAGCAAGGGCACCGCTCCAAGTGGAAAAAGACAC
 CTCTGAGCACAGGTGGGACGCTTGCCTTCTGTCAGCCAAAGCTTGCGAGTGCACAAGAGCTCTCGGCCGT
 GGACCGACAGCGAGAGTACCTCTGGACATGATTCTCCAGCTCCATCCCCAGTCAGCCACATGGAAA
 TAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001013881

Insert Size: 1893 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001013881.2, NP_001013903.2</u>
RefSeq Size:	4510 bp
RefSeq ORF:	1893 bp
Locus ID:	290669
Cytogenetics:	16p14