

## Product datasheet for **MC201584**

### Gatad2a (NM\_145596) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gatad2a (NM_145596) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gatad2a
Synonyms:	1110066C11Rik; BC031407; C80248
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:**

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>BC038221 sequence for NM_145596
CCACGCGTCCGCTCCATGTGTGCGGCGGAGGGCGCATTATCTGGCCGGCGGCGCGGGCGGGCGGAGCGG
CGGAGCGAGCGCCGCGGGCCCGGGCGGCCCTCAGGCGCAGCGAGCACGCGCGGCCGGCGCCCCCGCCC
CCAGCCCTGTGGACACGCGCGCTGCCCTGGGCCCGGTGCGCGCGCGGCCGGGTTGGCCAGCACATTGAG
CCAGCACATCCACATAAGTTGCCTTTTGACAGAGCTGTGGCCATGGCAGCATGGTAGGATCCGTGTCCCG
GACCCTGAGGCCAGAATGAGTGAAGAAGCATGCCGAACCCGACGTGAGAAGCGCACCCCTTGAACCTGACC
TAACGGAGGATGATGTGGAGAACAAGAAAATGAAAATGGAGAAAAGGGTCATCAGAGCTGACAGTGGACGG
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GGCACAGGATCTGGCGAGGGCTGTTAGGAGACGGGCCTGTGGACATGCGCACTTACACAGTGACATGA
AGTCTGAGAAGAGACCTCCCTCGCTGATGTGATTGTGCTCTCTGACAGTGAGCAGCCATCGAGCCCAAG
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GAACGAGAGCGGATGATCAAGCAGCTGAAGGAGGAGCTGAGGCTAGAGGAAGCAAACTGGTCTTGTGA
AGAAGTGCGGCAGAGTCAGATACAGAAGGAAGCCACCGCACAGAAGCCTACAGCTTCTCAGGGAGCAC
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TCCTCCACTCGAATACCCGGCAGCATCATCCACCACCCTGGTCCGAGGTGGGCAGCAGGTGTCTGCCA
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TCCCACCAGTGTGGCTTCTGTGGTTGCATCTGTGAGTCTCCAGCTAGCCGACAGCGGCTGCCAAGCTA
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CTCATAATGATGATGGAATTAAGTGAAGTGAAGTGCATAGACCCAGAGTCACTGTACACAGTGCACCTGG
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ACAATTTGGTTCCATGGTGAAGGCAGAAGTAGCTGTGTGTCCAGCACGCAGGGGGCGCCTTCTGCTCAT
GTGATTTGGTCCGCTCGTTTTCCCATCCAACCCTGGTTTTCCCTTGACACAGTACAGTTAGGGACTTAAT
TTAAACCCTTGTCTGCGGACCACCGCCCTCTGCAGACACGCCCCCTGCCTCCTCTAATAAAGGCTCAT
TTAACTCCAAAAAAAAAAAAAAAA
    
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**Restriction Sites:**

RsrII-NotI

<b>ACCN:</b>	NM_145596
<b>Insert Size:</b>	1890 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>	<a href="#">BC038221</a> , <a href="#">AAH38221</a>
<b>RefSeq Size:</b>	3383 bp
<b>RefSeq ORF:</b>	1890 bp
<b>Locus ID:</b>	234366
<b>Cytogenetics:</b>	8 B3.3
<b>Gene Summary:</b>	Transcriptional repressor (By similarity). Enhances MBD2-mediated repression. Efficient repression requires the presence of GATAD2B (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript. It encodes isoform a.