

Product datasheet for **SC114037**

p66 alpha (GATAD2A) (NM_017660) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	p66 alpha (GATAD2A) (NM_017660) Human Untagged Clone
Tag:	Tag Free
Symbol:	p66 alpha
Synonyms:	p66alpha
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_017660, the custom clone sequence may differ by one or more nucleotides

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ATGACCGAAGAAGCATGCCGAACACGGAGTCAGAAACGAGCGCTTGAACGGGACCCAACAGAGGACGATG
TGGAGAGCAAGAAAAATAAAATGGAGAGAGGATTGTTGGCTTCAGATTTAAACACTGACGGAGACATGAG
GGTGACACCTGAGCCGGGAGCAGGTCCAACCCAAGGATTGCTGAGGGCAACAGAGGCCACGGCCATGGCC
ATGGGCAGAGGGCGAAGGGCTGGTGGGCGATGGGCCGTGGACATGCGCACCTCACACAGTGACATGAAGT
CCGAGAGGAGACCCCTCACCTGACGTGATTGTGCTCTCCGACAACGAGCAGCCCTCGAGCCCGAGAGT
GAATGGGCTGACCACGGTGGCCTTGAAGGAGACTAGCACCGAGGCCCTCATGAAAAGCAGTCCTGAAGAA
CGAGAAAGGATGATCAAGCAGCTGAAGGAAGAATTGAGGTTAGAAGAAGCAAACTCGTGTGTTGAAAA
AGTTGCGGCAGAGTCAAATACAAAAGGAAGCCACCGCCAGAAGCCACAGGTTCTGTTGGGAGCACCGT
GACCACCCCTCCCGCTTGTTCGGGGCACTCAGAACATTCCTGCTGGCAAGCCATCACTCCAGACCTCT
TCAGCTCGGATGCCGGCAGTGTACATACCCCGCCCTGGTCCGAGGTGGGCAGCAGGCGTCTCTGAAGC
TGGGGCCACAGGGGAGCTCACAGGTCGTATGCCCCACTCGTCAGGGGGCTCAGCAAATCCACAGCAT
TAGGCAACATTCAGCACAGGGCCACCGCCCTCCTCTGGCCCCCGGGCGTCGGTGCCAGTGTGCAG
ATTCAGGGACAGAGGATCATCCAGCAGGGCCTCATCCGCTCGCCAATGTTCCAAACACCAGCCTGCTCG
TCAACATCCCACAGCCCACCCAGCATCACTGAAGGGGACAACAGCCACCTCCGCTCAGGCCAACTCCAC
CCCCACTAGTGTGGCCTCTGTGGTCACTCTGCCGAGTCTCCAGCAAGCCGACAGGCGGCCGCAAGCTG
GCGCTGCGCAAACAGCTGGAGAAGACGCTACTCGAGATCCCCCAACAGCCCCAGCCCCAGAGATGA
ACTTCTGCCAGCGCCCAACAACGAGTTCATCTACCTGGTCCGCTGGAGGAGGTGGTGCAGAACCT
ACTGGAGACACAAGGCAGGATGTCGGCCGCCACTGTGCTGTCCCGGAGCCCTACATGTGTGCACAGTGC
AAGACGGACTTCACGTGCCGCTGGCGGGAGGAGAAGAGCGGCCATCATGTGTGAGAATGCATGACAA
CCAACCAGAAGAAGGCGCTCAAGGTGGAGCACACCAGCCGCTGAAGGCCGCTTTGTGAAGGCGCTGCA
GCAGGAACAGGAGATTGAGCAGCGGCTCCTGCAGCAGGGCACGGCCCTGCACAGGCAAGGCCGAGCCC
ACCGCTGCCCCACACCCCGTGTGAAGCAGGTCATAAAACCCCGCGTAAGTTGGCGTTCGCTCAGGAG
AGGCCCGGACTGGAGTAACGGGGCTGTGCTACAGGCCTCCAGCCAGCTGTCCCGGGTTCGGCCACGAC
GCCCGGAGGTGCTGTCACACGTTCACTCCGTACCCAACTGCAGAACTCAGCCTCGGCCACAGCCCTG
GTCAGCAGGACCGGCAGACATTCTGAGAGAACCGTGAGCGCCGGCAAGGGCAGCGCCACCTCAACTGGA
AGAAGACGCCCTCAGCACAGGGGGACCCTTGCCTTTGTAGCCCAAGCCTGGCGGTGCACAAGAGCTC
CTCGGCCGTGGACCGCCAGCGAGAGTACCTCCTGGACATGATCCACCCCGCTCCATCCCCAGTCAGCC
ACGTGGAATAG
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_017660 unedited

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GGGGGTGGGATTTGTAACCGATTACTATAGCGGCCGCGNAATTCGCACGAGGCCGAGTC
TCCAGCAAGCCGACAGGCGGCCCAAGCTGGCGCTGCGCAAACAGCTGGAGAAGACGCT
ACTCGAGATCCCCCACCCAAGCCCCAGCCCCAGAGATGAACTTCTGCCAGCGCCGC
CAACAACGAGTTCATCTACCTGGTCCGCTGGAGGAGGTGGTGCAGAACCTACTGGAGAC
ACAAGCAGGCAGGATGTCGGCCGCCACTGTGCTGTCCCGGAGCCCTACATGTGTGACA
GTGCAAGACGGACTTCACGTGCCGCTGGCGGGAGGAGAAGAGCGGCCATCATGTGTGA
GAACTGCATGACAACCAACCAGAAGAAGGCGCTCAAGGTGGAGCACACCAGCCGCTGAA
GGCCGCTTTGTGAAGGCGCTGCAGCAGGAACAGGAGATTGAGCAGCGGCTCCTGCAGCA
GGGCACGGCCCCGTCACAGGCCAAGGCCGAGCCACCGCTGCCACACCCCGTGTGAA
GCAGGTCAAAAACCCCGCGTAAGTTGGCGTTCGCTCAGGAGAGGCCCGGACTGGAG
TAACGGGGCTGTGCTACAGGCCTCAGCCAGCTGTCCCGGGTTCGGCCACGACGCCCG
AGGTGTCCTGCACACGTTCACTCCGTACCCAACTGCAGAACTCAGCCTCGGCCACAGC
CCTGGTCAGCAGGACCGGCAGACATTCTGAGAGAACCGTGAGCGCCGCAAAAGGCAGCGC
CACCTTCAACTGGAAGAAGACGCCCCCTCACACAAGCGGGACCCTTGGTTNGTCAGCCAA
GCCTGGCGTGCACAAAACCTCCTCGGGCGGGGCCCAACGAGATACCTCCTGGACTGATC
    
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Protein Families: Transcription Factors

Gene Summary: Transcriptional repressor. Enhances MBD2-mediated repression. Efficient repression requires the presence of GATAD2B.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 3' coding region, compared to variant 1. It encodes isoform 2, which is shorter by an amino acid, compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript was available for the full length of the gene. The extent of this transcript is supported by transcript alignments.