

Product datasheet for **SC103196**

GATS (AK092358) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GATS (AK092358) Human Untagged Clone
Tag:	Tag Free
Symbol:	GATS
Synonyms:	STAG3OS
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC103196 sequence for AK092358 edited (data generated by NextGen Sequencing)

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ATGAGCTGCCGCGGACGGGGCGGGCGGACGATGGAATCCACATCCTGGAGCACCGGC
TGCAAGTTGCCAGCGTCGCCAAGGAGAGTATCCCGCTGTTACCTACGGCCTGATCAAA
CTTGCCCTCCTGTTCTCCAAGACCAGGTGCAAGTTCTTCAGTCTGACTGAGACACCAGAG
GATTACACTATCATTGTGCGATGAGGAAGGATTCCTAGAGCTGCCCTCCTCGGAGCACCTG
AGTGTGGCGGATGCCACCTGGCTGGCCCTGAACGTGGTGTCCGGCGGTGGCAGCTTCTCC
AGCTCCCAGCCTATTGGCATGACCAAGATCGCCAAGTCAGTCATCGCCCCACTGGCTGAC
CAGAACATATCCGTGTTTCATGCTGTCCACGTATCAGACAGACTTCATCCTGGTGCTCAAG
CGGGACCTGCCCTTTGTACCCACACGTTGTCATCAGAGTTCACCATCCTGTGGTCAGTG
GCTAGACTGTAG
```

Clone variation with respect to AK092358.1



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5' Read Nucleotide Sequence:

>OriGene 5' read for AK092358 unedited
 GGGGTGTCAAATTTGTATACGACTCATATAGGCGGCCGCGAAATCGGCACGAGGCGCGC
 CGGCACCCGCGCGCCGCTGCTCCGCCGGCGCTGCCTCCCTCGACCCGTGGCTCCCCCTCG
 CAACTTGGCGGGCCTCCTCCCTTTTGTCCGGCCCGGTCCGGCCGCGCCGCCCCCGCGC
 CTGGGCCGAGCTCCCGGTCCCGGGCCGGCTGTCGGTGCCGGCAGGGCGCGGAGGGGG
 CGGGGGCCGCGGCTCGTCCCCAGCGGATGAGCTGCCCGGACGGGGCGGGCGGACGA
 TGGAACTCCACATCCTGGAGCACCGCTGCAAGTTGCCAGCGTCGCCAAGGAGAGTATCC
 CGTGTTCACCTACGGGCTGATCAAACCTTGCCTTCTGTCTCCAAGACCAGGTGCAAG
 TTCTTCAGTCTGACTGAGACACCAGAGGATTACACTATCATTGTGATGAGGAAGGATTC
 CTAGAGCTGCCCTCCTCGGAGCACCTGAGTGTGGCGGATGCCACCTGGCTGGCCCTGAAC
 GTGGTGTCCGGCGGTGGCAGCTTCTCCAGCTCCCAGCCTATTGGCATGACCAAGATCGCC
 AAGTCAGTCATCGCCCCACTGGCTGACCAGAACATATCCGTGTTTCATGCTGTCCACGTAT
 CAGACAGACTTATCCTGGTGTCAAGCGGGACCTGCCCTTTGTACCCACACGTTGTCAT
 CAGAGTTCACCATCCTGTGGTCAGTGGCTAGACTGTAGCAGCCGAGAACCCTGGCATCAC
 CAGTGGNCTTCGTGAAGCCCAAGCTGGTCCAGATGCCGGTCATCCACCCACTGTNCAGCC
 CGAGCAACAGGTTCTGTGTACCAGCCTGGNACCCCGCACGCTGCCTGCTGNTGCCCACT
 CTCCATGGATGNATGTNCTA

3' Read Nucleotide Sequence:

>OriGene 3' read for AK092358 unedited
 GTACCGCGCCGAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTACAATTTTAAACAGG
 TTTATTTGAGCATTACAGCAATTTATCAATCAGGCAGTGGCAGACCGCCAGCAGTTCAGG
 GCGCCACCACCGAGGAAACCAGAGGGGACACTTACAAGGTGTCTCTGGGACAAGACAAA
 GAAACTATTTGATTGGTTAGAGTGGAAAGTTCATATTTAGAGGTTAACTGACCATAAATC
 TCTTGTTAGAGGTTAGTCGGTAGTTTCTGACTGGTTAAGCTGAAGTTTCTGCTCCTAGG
 TTACACACAACACTTTCACTCTGAGTTGAGTTTCAAGTTTCTGACTTAGGAACCCAAAGT
 GCAGGAGCCATTTAGCCTATTGGCCTCCAGCGAATTTTTTATAACAGGTGAGGGAGGG
 TGCTTAGTGTGTATCAGAATAGCATACCAAAGGAAGCAGCCAGTCTGAGGCCACGAGGG
 GATGGGGGAATGTTCTGGAATGTTCAAGGAACAGCAGAGAAGACCATTATGGCCAGAA
 TGCAGATTGTAGGACATGAGACCAAAGAGGGTACAGGATCCCAGAGCATCTAAGGCAGAG
 ACTGGCTTTTACTCTGAGTGCAGTAGGAAAACCTTGGAGGATTTTGAGGAACGACAGGA
 TCAACCTCTGTTNTAAAGGATCCTTCTGGCTGCTGTGTCGAAAACGACAGGAGATGGGG
 GAAGGCTAGNAGCTGGGAGACANCAAGNANGTTGTGGCTGTTGTANGAGTCCANCCAAGA
 TTGCAGATAGAGAGCTTCTTAGCCGGGCAATGGTGGAGTGCCGAGAACGNCAGATCTGG
 TGCATTTAAGGATCTCTATAGCTTTCTGAAACTGGAGTGGATGAAAACAAAAGCATTGAG
 AGGCTTCAGATTTGCCTGCNAGGATGGATGCATTTTTGAAGGGAAGCAAAATGAAAACCT
 GGGGGAGTTGGCATGG

Restriction Sites:

NotI-NotI

ACCN:

AK092358

Insert Size:

4500 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: [AK092358.1](#), [BAC03870.1](#)

RefSeq Size: 3493 bp

RefSeq ORF: 492 bp

Locus ID: 352954

Cytogenetics: 7q22.1