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Product datasheet for SC101467

GATS (AK056608) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	GATS
Synonyms:	STAG3OS
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

>NCBI ORF sequence for AK056608, the custom clone sequence may differ by one or more nucleotides

ACTGAGACACCAGAGGATTACACTATCATTGTCGATGAGGAAGGATTCCTAGAGCTGCCCTCCTCAGAGC
ACCTGAGTGTGGCGGATGCCACCTGGCTGGCCCTGAACGTGGTGTCCGGCGGTGGCAGCTTCTCCAGCTC
CCAGCCTATTGGCATGACCAAGATCGCCAAGTCAGTCATCGCCCCACTGGCTGACCAGAACATATCCGTG
TTCATGCTGTCCACGTATCAGACAGACTTCATCCTGGTGCTCAAGCGGGACCTGCCCTTTGTCACCCACT
GTCCTACTTCAATGGGGCCTTGGTGTACCTTGTTGTAGTGTTTGAAAACATCTGAGGCTGCATCCATCTC
CAGCACCCCATAAAGCAACAGCTTGCAGAACCCGGCTAGGAGGCGGCGCCGCTGGTGTAGCCGCTCTATC
TGTAAATGATCCTCCTGGGAATCACCTGGCTCACATGGAAGGCAAAAGGGAATCACAGACTTAAGCTTCC
TGCCCTATATTTCTGAGCTACACCCAAGCCCCAGCCCTTACTGAGCCCCAGGTATAGAGTCACTGCACCA
CTGCCCAGGTCTCCCGGCTGGATGAAGACGTGGTCCATGAGGAAGCTGGCTAGCTCAGACTGGAGAGTAG
CTTCAGGAAAAAAGACAAGTGGCCTAAGGAAATCACGGCCCCCAACAATCATCTGAGGGCTAAAGATGAG
AAGTAGATCACTTAATAAGACAAAAGCCTGTAGGGGGAAAAGAAAGGATGTTTAAAAGGACAGAATGTTT
CCCAAGGTAGAAATGACACTGTCAATTTCTCCTTGGAATGGGGGCAGGGATACTCGCCTTGTTGCTCCCA
CTTGAGTCAGTACTCACCTGCTCCTGGATCTCAGTATCCACATCTGAGAGGCAACTCTGGCAGAGTTCAC
AGAAGGCCACCATTCTGTCCCTCAAACTCGACAGCTGCTTCTGTGGGCACAGTGGCTTGAAGGGGAAGAA
TGAAGACACAGACTCCTCTGTTCCCATTATCCCATCTAAGACCCACACTCACCTGGGAAGCATCTGATTT
AGAAATGTGGGTTAGTGTCCAGAGAATGGAAAAATAGACAAGAGTCAAGGCTGACAGGATAACCTGTAAC
AACAAAGGGTTTGAAAAATGAGGTTTGGGTTAGGAGAGGGAGAGACAGATAGCCAGAAACACACCAGTGA
AGAGGAGAGAAAATGAGTAAAGGGAGAGCTAATTCCTTTTCCAGTGGAAAATGAGTGATATTCTGGACAT
TCTTCAGAGGCATCTACACGAAGTAGAAATGTCACCGCTCCCTAATTTACTCTACGTCTTCTAGAATCCC
TCAATATTATCCTTGGCTTCCAGGAAATCCAAGAAGACCCTGGAAGTAGAGTCCACCTTCTAAGAGAGGA
ATGTAAGAGGTGACCCCCACCCACCTGATCTTCCTCGCTTTGTCCACTCCACGCACTGAGACTTGACACA
CCTAGTGGCCACCTAGAACGTAGGTCCTTAAAATCTAGCCCCCCAGCCCCCAACCCATCTCTAGCCTGTC
CACTCACCTGGTGAGGAACCTCTCCTGTGTCCACAGCCTTCTGCAGGAGTTGGCAACATGGCTCATAGAG
CTCCCAGCGAGTCAGGTCATGAGTGCTTTGGGGGAGAAAGGGGAATGTTATACTGGAAAAGAACAGAGGG
AACCAACTCCACAGACACCAGTAAAAACGGGATGGGGAAGAGGAGGAAAGCCACTCACTTGTAGAAGGCA
GAGAGGCGTTTCAGAGTGGCTGCCAGATTATATACCTCATCCTCATCTAGGAAGGACGACTGAGAAGGAA
AGAAGATCCACAATAGCATTTCCCCCAGAACTCATCAGTCCACATCCCCCGTCTTGCAGCCCCTCCCACC
CTTGTTTGGGGTGTCCCATTGTCCAGCCCCAGCTCCTACCTGTAACAGCTCTTCAAGCTCCTGCTGGAAG
CGGTCAGTCAGCAAATCTACTAGCTGGCTGCGGGCAAAGTCCGCCCGGCTGAAGAAAGTGAATTCGGGAT
TACAGAGCAGGTAGAGGGCATGCGCCCCAGCCTCAAGCACCGCTGGCTCTGCATGCTTCACCACCACCTC
CTGGAGTTGCTGCAGGAACAGCTCCAGGTGCTGAGAAGAAAAGGCAGAAGATGGTGTGCTGTGGGGATGG
GAGGAGGACACTCTTCTGGCGGGAAGTGGAACGGGGTTAAAAGCATTAAACTTCAAGGATAAGATGCCT

5' Read Nucleotide Sequence:

>OriGene 5' read for AK056608 unedited
TTTGTAATACGACTTACTATAGGGCGGCCGCGAAATCGGCACGAGGCCTCGTGCCGAATT
CGGCACGAGGGTCAGTACTCACCTGCTCCTGGATCTCAGTATCCACATCTGAGAGGCAAC
TCTGGCAGAGTTCACAGAAGGCCACCATTCTGTCCCTCAAACTCGACAGCTGCTTCTGTG
GGCACAGTGGCTTGAAGGGGAAGAATGAAGACACAGACTCCTCTGTTCCCATTATCCCAT
CTAAGACCCACACTCACCTGGGAAGCATCTGATTTAGAAATGTGGGTTAGTGTCCAGAGA
ATGGAAAAATAGACAAGAGTCAAGGCTGGCAGGATAACCTGTAACAACAAAGGGTTTGAA
AAATGAGGTTTGGGTTAGGAGAGGGAGAGACAGATAGCCAGAAACACACCAGTGAAGAGG
AGAGAAAATGAGTAAAGGGAGAGCTAATTCCTTTTCCAGTGGAAAATGAGTGATATTCTG
GACATTCTTCAGAGGCATCTACACGAAGTAGAAATGTCACCGCTCCCTAATTTACTCTAC
GTCTTCTAGAATCCCTCAATATTATCCTTGGCTTCCAGGAAATCCAAGAAGACCCTGGAA
GTAGAGTCCACCTTCTAAGAGAGGAATGTAAGAGGTGACCCCCACCCACCTGATCTTCCT
CGCTTTGTCCACTCCACGCACTGAGACTTGACACACCTAGTGGCCACCTAGAACGTANGT
CCTTAAAATCTAGCCCCCCAGCCCCCAACCCATCTCTAGCCTGTCCACTCACCTGGNTGA
GAACCTCTCCTGTGTCCACAGCCTTCTGCAGGAGTGGGCACATGGCTCATAGAGCTCCCA
GCGAGTCANGTCATGAGTGCTTTGGGGGAGAAAAGGGAATGTTATACTGGAAN

3' Read Nucleotide Sequence:

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>OriGene 3' read for AK056608 unedited
TCCCAATCCGGGNTTCCTAAACTTTTTTGCGGTTTACCCGAAACCCTTCCCGCCANAGAA
TGTCCTTCTCCCATCCCCACAGCACACCATCTTCTGCCTTTTCTTCTCAGCACCTGGAGC
TGTTCCTGCAGCAACTCCAGGAGGTGGTGGTGAAGCATGCAGAGCCAGCGGTGCTTGAGG
CTGGGGCGCATGCCCTCTACCTGCTCTGTAATTCGTANTCACTTTCTTCAGCCGGGCGGA
CTTTGCCCGCAGCCAGCTAGTAGATTTGCTGACTGACCGCTTCCAGCAGGAGCTTGAAGA
GCTGTTACAGGTAGGAGCTGGGGCTGGACAATGGGACACCCCAAACAAGGGTGGGAGGGG
CTGCAAGACGGGGGATGTGGACTGATGAGTTCTGGGGGAAATGCTATTGTGGATCTTCTT
TCCTTCTCAGTCGTCCTTCCTAGATGAGGATGAGGTATATAATCTGGCAGCCACTCTGAA
ACGCCTCTCTGCCTTCTACAAGTGAGTGGCTTTCCTCCTCTTCCCCATCCCGTTTTTACT
GGTGTCTGTGGAGTTGGTTCCCTCTGTTCTTTTCCAGTATAACATTCCCCTTTCTCCCCC
AAAGCACTCATGACCTGACTCGCTGGGAGCTCTATGAGCCATGTTGCCAACTCCTGCAAA
AAGCTGTGGACACAGGAGAGGTTCCTCACCAGGTGAGTGGACAGGCTAAAGATGGGTTGG
GGGCTGGGGGGCTAGATTTTAAAGACCTACGTTCTAGGTGGCCACTAGGTGTGTCAAGTC
TAAGTGCGTGGATGGGACAAAGCGAGGACAATCAGGTGGGGTGGGGGTCACCTCTTAAAT
TCCTCTTTTAAAAGTGGACTCTACTTCCAGGGTGCTCTTGGGATTTCCTGGAG
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Restriction Sites: NotI-NotI

ACCN: AK056608

Insert Size: 1500 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: AK056608.1

RefSeq Size: 2239 bp

RefSeq ORF: 2239 bp

Locus ID: 352954

Cytogenetics: 7q22.1