

Product datasheet for SC126468

GSC (NM_173849) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GSC (NM_173849) Human Untagged Clone
Tag:	Tag Free
Symbol:	GSC
Synonyms:	SAMS
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_173849 edited
GTCCTCGGCGGTCCCCGCCGCCCGGTCGCCGACGCGGGGCTCGGGGATGCCCGCCAG
CATGTTACAGCATCGACAACATCCTAGCCGCCCGCCGCGCTGCAAGGACTCGGTGTTGCC
GGTGGCGCACAGCGGGGGCTCCCGTCTTCCCGCCCTGCACGGGACTCGCTCTA
CGGCGCCAGCGGGCGCCTCCTCGGACTATGGCGCCTTCTACCCGCGCCCGTGGCCCC
CGGCGGGCGGGCCTCCCGGCCGCGGTACGCGGCTCCCGCCTCGGCTACAACAATACTT
CTACGGGCAGCTGCACGTGCAGGCGGGCCCGTGGGCCCGGCTGCTGCGGGGCGTGC
GCCGCTGGGGCCAGCAGTGTCTGCGTCCCGACGCCCCAGGCTACGAGGGCCCGG
TTCGGTGTGGTGTCCCCGGTACCGCACCAGATGCTGCCCTACATGAACGTGGGCAGCT
GTCGCGCACCGAGCTGCAGCTTCTCAACCAGCTGACTGTCGGCGGAAGCGGCGGCACCG
CACCATTTCACTGACGAGCAGCTCGAAGCTCTCGAGAACCTTCCAGGAGACCAAGTA
CCCGGACGTGGGCACGCGGAGCAGCTGGCCCGGAAAGTGCACCTCCGCGAGGAGAAAGT
GGAGGTCTGGTTAAGAACC GCCGCCAAATGGAGGCGGCAGAAAGCGTCTCATCAGA
GGAGTCGGAGAACCGGAGAAGTGAACAAGACGTCGTCGTCGAAGGCGTCACCGGAGAA
GAGGGAAGAGGAAGGTAAGCGATTTGGACTCGGACAGCTGACGGCCGCGGGACTTG
CCCGTATTACTTACCTAACTCGAAGGACTTGCACAGACAGACGATGCTACTTTCTGCAC
ACGCGCTGCCTTGCGGGAGGGGTCGAGAAAGAGGAACGAGGAGCTGTAATAGTGTACA
GAGCCGGGAGGGTCCGCGTCTGGGGTCAGGGCGCGCACAGCCAGCAGCCGAGGCCGCC
CGCGACTAGCCCCACCGTAGTATTTATAGTTAAATTAAGGGTGACAGTACAATAAAGTG
ATGGCGATGTAATAAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_173849 unedited NGTGCGGTTTCAGATTTGTAAACGACTCACTATAGGCGGCCGCGTAATTCCTCCGGGGGAATCG TCGACCCACGCGTCCGGTCTCGGCGCGTTCCCGCCGCCCCCGGTCCCAGCGGGGGCT CGGGGATGCCCGCCAGCATGTTTCAGCATCGACAACATCTAGCCGCCCGGCCGCGTGA AGGACTCGGTGTTGCCGGTGGCGCACAGCGCGGCGGCTCCCGTCGTCTTCCCGGCCCTGC ACGGGGACTCGCTCTACGGCGCCAGCGGGCGGCGCTCCCGACTATGGCGCCTTCTACC CGGCCCCGTGGCCCCCGGCGGCGGCGCTCCCGCCGCGGTACGCGGCTCCCAGCCTCG GCTACAACAACACTTCTACGGGACGTGCACGTGCAGGCGGCGCCCGTGGGCCCGGCT GCTGCGGGGCGTCCCGCGCTGGGCGCCAGCAGTGCTCCTGCGTCCCAGCAGCCCCAG GCTACAAGGGCCCCGGTTCGGTGTGGTGTCCCGGTACCGCACCAGATGCTGCCCTACA TGAACGTGGGCACGCTGTCGCGCACCGAGCTGCAGTTCTCAACCAGCTGCACTGTCCGC GGAAGCGGCGGCACCGCACCATCTTCACTGACCAGCAGCTCGAAGCTCTCGAGAACCTCT TCCAGGAGACCAAGTACCCGACGTGGGCACGCGCAACAGCTGGCCCGAAAAGTGCACC TCCCCGAGAAAAAGTGGAGTCTGGGTTAGAAAACCGCCGCCCAAATGGAGGCCGGCA AGAAGCGTTCCTAATTCAGAGGAGTCGGGAAAACGCGGGAGAAATTGGAACAAGAAGTTC GTCGTCCAAAGGCGCTCCCCGTACAATAGGGAAGAGGGAGGTAAGCCATTTGGCT
Restriction Sites:	Please inquire
ACCN:	NM_173849
Insert Size:	1300 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:	<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:	NM_173849.2 , NP_776248.1
RefSeq Size:	1217 bp
RefSeq ORF:	774 bp
Locus ID:	145258
UniProt ID:	P56915
Cytogenetics:	14q32.13
Protein Families:	Transcription Factors

Gene Summary:

This gene encodes a member of the bicoid subfamily of the paired (PRD) homeobox family of proteins. The encoded protein acts as a transcription factor and may be autoregulatory. A similar protein in mice plays a role in craniofacial and rib cage development during embryogenesis. [provided by RefSeq, Jul 2008]