

Product datasheet for SC303112

GAS1 (NM_002048) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GAS1 (NM_002048) Human Untagged Clone
Tag:	Tag Free
Symbol:	GAS1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_002048 edited CAAAC TTTCCACCGGCTCCGCGTCCGCGCTCCCCGCGCCTCGTCTCCTTTCCCTCCT CTCCCGGGCGCCCGCTGCCCGGATGGTGGCCGCGCTGCTGGGCGGGCGGGGAGGC CCGCGGGGGACAGTGCCGGGCGCTGGCTGTGCCTGATGGCGTGTGCACTGCTGGG CTCGGCGCCGCGGGATCGGGGCTGGCGCACGGCCGCGCCTCATCTGCTGGCAGGCGCT GCTGCAGTGCCAGGGGAGCCGGAGTGCAGCTACGCCTACAACAGTACGCCGAGGCGTG CGCGCCGGTGTGGCGCAGCACGGCGGGGGCGACGCGCCCGGGGCGCCGCCGCTTT CCCGGCCCTCGGCCGCTCTTTCTCGTCCGCGTGGCGTGGCCGAGTCACTGCATCTCGGC CCTCATTAGCTCAACCACACGCGCCGCGGGCCCGCCTGGAGGACTGTGACTGCGCGCA GGACGAGAAGTCAAGTCCACCAAGCGGCCATTGAGCCGTGCCTGCCCGGACGAGCGG CGGCGGGCGGGGCGCCCGCGCGGGCGGGGTATGGGCTGCACCGAGGCCCGGGCGGC CTGCGACCGCGACAGCCGCTGCAACCTGGCGCTGAGCCGCTACCTGACCTACTGCGCAA AGTCTTCAACGGGCTGCGCTGCACGGACGAATGCCGACCGCTATTGAGGACATGCTGGC TATGCCCAAGGCGGCGCTGCTCAACGACTGCGTGTGCGACGGCCTCGAGCGGCCATCTG CGAGTCGGTCAAGGAGAACATGGCCCGCTGTGCTTCGGCGCCGAGCTGGGCAACGGCC CGGCAGCAGCGGCTCGGACGGGGCCTGGACGACTACTACGATGAGGACTACGATGACGA GCAGCGCACCGGGGCGCGGGTGGTGGCAGCCGCTGGACGACGACGACGGCGTCCCGCA CCCACCGCGCCCGGCGAGCGGCGTGTGCATCGGGCGGCCGCGGGGACCTGCCATATGG GCCTGGGCGCAGGAGCAGCGGCGGGCGGCGCTTGGCGCCCGGGGCGCTGGACCC ACTCGCCTCCATCTTGTGCTGCTGCTTGGGCCGCTCTTTAGCCCTCGCGCCCGCGCC GTTGGCTGCGGGAGACCCGCTCCCACTCCCGTGTGCTCGCTCGACCCCGCGCGGGCAC CTGTGGCTTGGACAGATAGAAGGGATGGTTGGGGATACTTCCAAAAC TTTTCCAAGT CAACTTGGTGTAGCCGTTCCCGGCCACGACTCTGGGCACTTCCCTGAAGCTCCTCTC CGGAGCT
Restriction Sites:	Please inquire
ACCN:	NM_002048



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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).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_002048.1.
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:	<u>NM_002048.1</u> , <u>NP_002039.1</u>
RefSeq Size:	2828 bp
RefSeq ORF:	1038 bp
Locus ID:	2619
UniProt ID:	<u>P54826</u>
Cytogenetics:	9q21.33
Protein Pathways:	Hedgehog signaling pathway
Gene Summary:	Growth arrest-specific 1 plays a role in growth suppression. GAS1 blocks entry to S phase and prevents cycling of normal and transformed cells. Gas1 is a putative tumor suppressor gene. [provided by RefSeq, Jul 2008]