

Product datasheet for **SC303030**

GAS8 (NM_001481) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GAS8 (NM_001481) Human Untagged Clone
Tag:	Tag Free
Symbol:	GAS8
Synonyms:	CILD33; DRC4; GAS11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC303030 representing NM_001481.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGCACCGAAAAAGAAAGGGAAGAAAGCAAGCCAAAGGCACCCCGATTGTTCATGGGCTCGCTCCA
GAGGACATGAGCAAGGAGCAGGTGGAGGAGCATGTCAGCCGCATCCGGGAGGAGCTGGACCGCAGCGG
GAGGAACGAACTACTTCCAGCTGGAGCGGGACAAGATCCACACCTTCTGGGAGATCACACGGAGGCAG
CTGGAGGAGAAGAAGGCTGAGCTGCGGAACAAAGACCGGAGATGGAAGAAGCCGAGGAGAGGCACCCAG
GTGGAGATCAAGGTGTACAAGCAGAAAGTGAAGCACCTGCTATATGAGCACCAGAACACCTGACAGAG
ATGAAGGCTGAGGGCACTGTAGTCATGAAGCTGGCACAGAAAGAGCACCGCATACAGGAGAGTGTCTG
CGCAAGGACATGCGGGCACTGAAGGTGGAGCTCAAGGAGCAGGAGCTGGCCAGTGAGGTGGTGGTGAAG
AACCTGCGGCTGAAACACACCGAGGAGATCACCAGGATGCGGAATGATTTTGAGAGGCAAGTTCGAGAA
ATTGAGGCCAAGTATGATAAGAAGATGAAGATGCTGAGGGACGAACTCGACTTGGGAGAAAGACTGAG
CTCCACGAAGTGGAGGAGAGGAAGAATGGCCAGATCCACACGCTGATGCAGCGCCACGAGGAGGCCTTC
ACCGACATTAAGAACTACTACAACGACATCACCTCAACAACCTGGCCCTCATCAACTCCCTCAAGGAG
CAGATGGAGGACATGCGGAAGAAGGAGGACCACCTGGAGAGGGAGATGGCAGAGGTGTCTGGGCAGAAC
AAGCGCTTGGCAGACCCTCTCCAGAAGGCTCGGGAGGAGATGAGCGAGATGCAGAAACAGCTCGCAAC
TACGAGAGGGACAAGCAGATCCTGCTTTGCACAAAAGCCGTTTGAAGTCAGGGAGAAAGAGCTGAAA
GACCTGCAGTGGGAGCATGAAGTGTTAGAGCAGCGATTACCAAGGTGCAGCAGGAGCGGGACGAGCTC
TATCGGAAGTTACCGCAGCCATCCAGGAGGTGCAGCAGAAGACAGGGTTCAAGAACCTCGTGCTAGAA
CGCAAGCTGCAGGCTCTGAGCGCCGCTGTGGAGAAGAAGGAGGTGCAGTTCAACGAGGTCTGGCTGCC
TCTAACCTGGACCCTGCAGCCCTGACGCTGGTGTCCCAGCTGGAGGATGTTCTTGAGTCGAAGAAC
AGCACCATCAAGGACCTGCAGTATGAGCTGGCCAGGTCTGTAAGGCCATAACGACCTGCTGCGCACG
TATGAGGCAAGCTGCTGGCCTTCGGGATCCCTCTGGACAACGTGGGCTTCAAGCCCTTGAAACAGCT
GTGATCGGACAGACACTGGGCCAGGGCCCCGCGGACTGGTGGGCACCCCGACGTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001481

Insert Size: 1437 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: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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: [NM_001481.2](#)

RefSeq Size: 3185 bp

RefSeq ORF: 1437 bp

Locus ID: 2622

UniProt ID: [O95995](#)

Cytogenetics: 16q24.3

MW: 56.4 kDa

Gene Summary: This gene includes 11 exons spanning 25 kb and maps to a region of chromosome 16 that is sometimes deleted in breast and prostate cancer. The second intron contains an apparently intronless gene, C16orf3, that is transcribed in the opposite orientation. This gene is a putative tumor suppressor gene. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2013]
 Transcript Variant: This variant (1) encodes the longest isoform (a).