

Product datasheet for **SC335848**

GAS8 (NM_001286205) Human Untagged Clone

Product data:

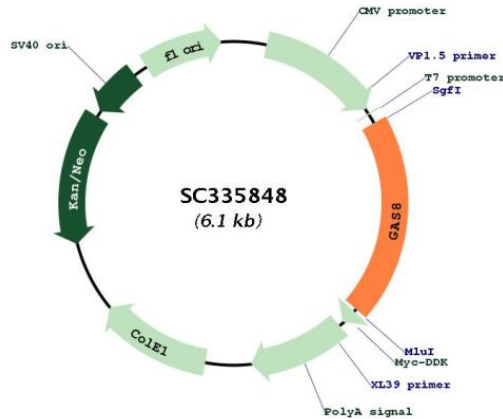
Product Type:	Expression Plasmids
Product Name:	GAS8 (NM_001286205) Human Untagged Clone
Tag:	Tag Free
Symbol:	GAS8
Synonyms:	CILD33; DRC4; GAS11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335848 representing NM_001286205. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAAGAAGCCGAGGAGAGGCACCAGGTGGAGATCAAGGTGTACAAGCAGAAAGTGAAGCACCTGCTA
TATGAGCACCAGAACAACCTGACAGAGATGAAGGCTGAGGGCACTGTAGTCATGAAGCTGGCACAGAAA
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GTGGGCTTCAAGCCCTTGGAAACAGCTGTGATCGGACAGACACTGGGCCAGGGCCCGGGGACTGGTG
GGCACCCCGACGTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:


ACCN: NM_001286205

Insert Size: 1188 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: [NM_001286205.1](#)

RefSeq Size: 3308 bp

RefSeq ORF: 1188 bp

Locus ID: 2622

UniProt ID: [O95995](#)

Cytogenetics: 16q24.3

MW: 46.4 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 (3) uses an alternate splice site at the 5' end of an exon compared to variant 1. The resulting isoform (b) is shorter at the N-terminus compared to isoform a.