

Product datasheet for SC336211

GAS2L1 (NM_001278730) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GAS2L1 (NM_001278730) Human Untagged Clone
Tag:	Tag Free
Symbol:	GAS2L1
Synonyms:	GAR22
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC336211 representing NM_001278730. Blue=Insert sequence Red=Cloning site Green=Tag(s)

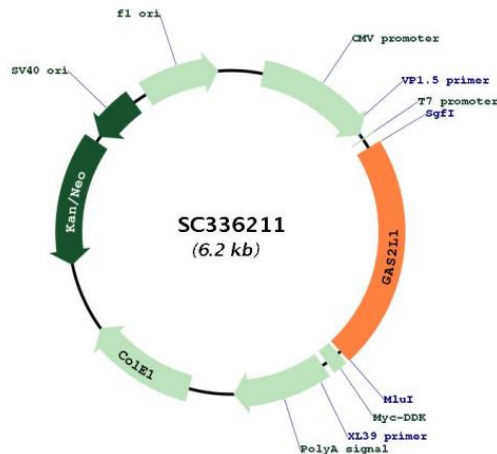
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Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001278730

Insert Size: 1365 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_001278730.1](#)

RefSeq Size: 1835 bp

RefSeq ORF: 1365 bp

Locus ID: 10634

UniProt ID: [Q99501](#)

Cytogenetics: 22q12.2

MW: 48.3 kDa

Gene Summary:

This gene encodes a member of the growth arrest-specific 2 protein family. This protein binds components of the cytoskeleton and may be involved in mediating interactions between microtubules and microfilaments. This protein localizes to the proximal end of mature centrioles and links centrosomes to both microtubules and actin. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 9. [provided by RefSeq, May 2018]

Transcript Variant: This variant (4) differs in the 5' UTR and uses an alternate splice site in the terminal exon compared to variant 1. The encoded isoform (c) is shorter than isoform a.

Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.