

## Product datasheet for **SC317297**

### Gastrokine 1 (GKN1) (NM\_019617) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gastrokine 1 (GKN1) (NM_019617) Human Untagged Clone
Tag:	Tag Free
Symbol:	Gastrokine 1
Synonyms:	AMP18; BRICD1; CA11; FOV; foveolin
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_019617 edited GCCACCATGCTTGCCCTACTCCTCTGTCCACTGCTTTCGTGAAGACAAGATGAAGTTCACA ATCGTCTTTGCTGGACTTCTGGAGTCTTTCTAGCTCCTGCCCTAGCTAACTATAATATC AACGTCAATGATGACAACAACAATGCTGGAAGTGGGCAGCAGTCAGTGAGTGCAACAAT GAACACAATGTGGCCAATGTTGACAATAACAACGGATGGGACTCCTGGAATTCATCTGG GATTATGGAAATGGCTTTGCTGCAACCAGACTCTTCAAAGAAGACATGCATTGTGCAC AAAATGAACAAGGAAGTCATGCCCTCCATTCAATCCCTTGATGCACTGGTCAAGGAAAAG AAGCTTCAGGGTAAGGGACCAGGAGGACCCTCCAAGGCCTGATGTACTCAGTCAAC CCAAACAAGTCGATGACCTGAGCAAGTTCGAAAAAACATTGCAACATGTGTCGTGGG ATTCCAACATACATGGCTGAGGAGATGCAAGAGGCAAGCCTGTTTTTTACTCAGGAACG TGCTACACGACCAGTGTACTATGGATTGTGGACATTCCTTCTGTGGAGACACGGTGGAG AACTAAACAATTTTTAAAGCCACTATGGATTTAGTCATCTGAATATGCTGTGCAGAAAA AATATGGCTCCAGTGGTTTTTACCATGTCATTCTGAAATTTTTCTACTAGTTATGTT TGATTTCTTTAAGTTTCAATAAAATCATTTAGCATTGAAAAAAAAAAAAAAAAAAAAA
Restriction Sites:	Please inquire
ACCN:	NM_019617
Insert Size:	600 bp



[View online »](#)

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**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\\_019617.3](#), [NP\\_062563.3](#)

**RefSeq Size:** 820 bp

**RefSeq ORF:** 600 bp

**Locus ID:** 56287

**UniProt ID:** [Q9NS71](#)

**Cytogenetics:** 2p13.3

**Protein Families:** Secreted Protein, Transmembrane

**Gene Summary:** The protein encoded by this gene is found to be down-regulated in human gastric cancer tissue as compared to normal gastric mucosa. [provided by RefSeq, Jul 2008]