

Product datasheet for **SC317519**

TAS2R39 (NM_176881) Human Untagged Clone

Product data:

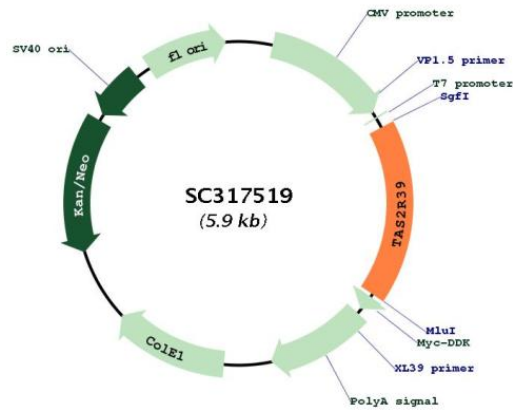
Product Type:	Expression Plasmids
Product Name:	TAS2R39 (NM_176881) Human Untagged Clone
Tag:	Tag Free
Symbol:	TAS2R39
Synonyms:	T2R39; T2R57
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317519 representing NM_176881. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGCTAGGGAGATGTTTTCTCCAGACACCAAAGAGAAGCAACAGCTCAGAATGACTAACTCTGCGAT
CCTGCAGAAAGTGAATTGTCGCCATTTCTCATCACCTTAATTTAGCAGTTTTACTTGTGAATACCTC
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AACAATTTCTTCCCTATCCACTCCTCAAACCTCACTAAGAAAACATACTTGTCTGAGATCAATGTGGTC
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ATGGAGGCTCACATGGGGCCATCAAAGCTATCAGCTACTTTCTCATTCTCTACATTTTCAATGCAGTT
GCTCTGTTTATCTACCTGTCCAACATGTTTGACATCAACAGTCTGTGGAATAATTTGTGCCAGATCATC
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AAGCGGCTTCAGCTTCGACTTCATCTTTACCCAAAAGAGTGGACTCTGTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_176881

Insert Size: 1017 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_176881.2](#)

RefSeq Size: 1017 bp

RefSeq ORF: 1017 bp

Locus ID: 259285

UniProt ID: [P59534](#)

Cytogenetics: 7q34

Protein Pathways: Taste transduction

MW: 38.6 kDa

Gene Summary: The protein encoded by this gene is a bitter taste receptor that detects green tea catechins, soy isoflavones, and theaflavins. The encoded protein is gustducin-linked and may activate alpha gustducin. This gene is intronless. [provided by RefSeq, Dec 2015]