

Product datasheet for SC305079

TAS2R9 (NM_023917) Human Untagged Clone

Product data:

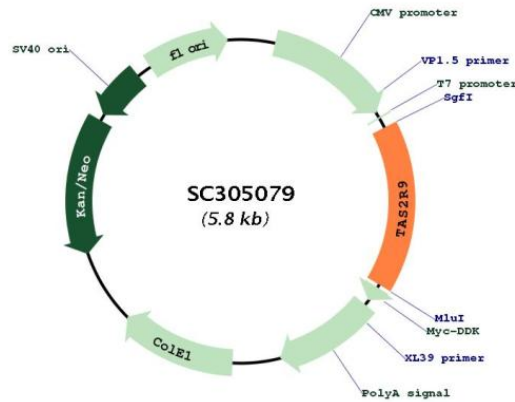
Product Type:	Expression Plasmids
Product Name:	TAS2R9 (NM_023917) Human Untagged Clone
Tag:	Tag Free
Symbol:	TAS2R9
Synonyms:	T2R9; TRB6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC305079 representing NM_023917. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGCCAAGTGCAATAGAGGCAATATATATTATTTTAATTGCTGGTGAATTGACCATAGGGATTTGGGGA
AATGGATTCATTGTACTAGTAACTGCATTGACTGGCTCAAAGAAGAGATATTTCTTGATTGACATC
ATCCTGATCAGCTTGGCCATCTCCAGAATCTGTCTGCTGTGTGAATATCATTAGATGGCTTCTTTATG
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CACACCAAGCAGATTCGACTGCATGCTACAGGGTTCAGAGACCCAGTACAGAGGCCACATGAGGGCC
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GTGAAGTGTTCCTTAGAAGAAGAAAGCCTTTTGTTCCA TAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:


ACCN:	NM_023917
Insert Size:	939 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:	<ol style="list-style-type: none"> 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:	<u>NM_023917.2</u>
RefSeq Size:	1075 bp
RefSeq ORF:	939 bp

Locus ID:	50835
UniProt ID:	Q9NYW1
Cytogenetics:	12p13.2
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Taste transduction
MW:	35.6 kDa
Gene Summary:	<p>This gene product belongs to the family of candidate taste receptors that are members of the G-protein-coupled receptor superfamily. These proteins are specifically expressed in the taste receptor cells of the tongue and palate epithelia. They are organized in the genome in clusters and are genetically linked to loci that influence bitter perception in mice and humans. In functional expression studies, they respond to bitter tastants. This gene maps to the taste receptor gene cluster on chromosome 12p13. [provided by RefSeq, Jul 2008]</p>