

Product datasheet for **SC307094**

TAS2R60 (NM_177437) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TAS2R60 (NM_177437) Human Untagged Clone
Tag:	Tag Free
Symbol:	TAS2R60
Synonyms:	T2R56; T2R60
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC307094 representing NM_177437. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGAATGGAGACCACATGGTTCTAGGATCTTCGGTGACTGACAAGAAGGCCATCATCTTGGTTACCATT
TTACTCCTTTTACGCCTGGTAGCAATAGCAGGCAATGGCTTCATCACTGCTGCTCTGGGCGTGGAGTGG
GTGCTACGGAGAATGTTGTTGCCTTGTGATAAGTTATTGGTTAGCCTAGGGGCTCTCGCTTCTGTCTG
CAGTCAGTGGTAATGGTAAGACCATTTATGTTTTCTTGCATCCGATGGCCTTCCATACAACCCTGTA
CTGCAGTTTCTAGCTTCCAGTGGGACTTCCTGAATGCTGCCACCTTATGGTCTCTACCTGGCTCAGT
GTCTTCTATTGTGTGAAAATTGCTACCTTCACCCACCCTGTCTTCTTCTGGCTAAAGCACAAGTTGTCT
GGGTGGCTACCATGGATGCTCTTCAGCTCTGTAGGGCTCTCCAGTTCACCACCATTCTATTTTTATA
GGCAACCACAGAATGTATCAGAATTTAAGGAACCATCTACAACCTTGAATGTCACCTGGCGATAGC
ATACGGAGCTACTGTGAGAAATCTATCTTCCCTCTAAAAATGATTACTTGGACAATGCCACTGCT
GTCTTTTTTCAATTCATGATTTTTGCTCATCACATCTCTGGGAAGACACAGGAAGAAGGCTCTCCTTACA
ACCTCAGGATCCGAGAGCCAGTGTGCAGGCACACATAAAGGCTCTGCTGGCTCTCCTCTTTTTGCC
ATGCTCTTCATCTCATATTTCTGTCACCTGGTGTTCAGTGTGCAGGATTTTTCCACCTCTGGACTTT
AAATTCGGGTGTGGGAGTCAGTGATTTATCTGTGTGCAGCAGTTCACCCATCATTCTGCTCTTCAGC
AACTGCAGGCTGAGAGCTGTGCTGAAGAGTCGTCGTTCCCTCAAGGTGTGGGACACCT TGA
ACGCGTACGCGGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-Mlul
Plasmid Map:	<input type="checkbox"/>
ACCN:	NM_177437



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Insert Size:	957 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:	NM_177437.1
RefSeq Size:	957 bp
RefSeq ORF:	957 bp
Locus ID:	338398
UniProt ID:	P59551
Cytogenetics:	7q35
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Taste transduction
MW:	36.3 kDa
Gene Summary:	This gene encodes a member of the bitter taste receptor family which belong to the G protein-coupled receptor superfamily and are predominantly expressed in taste receptor cells of the tongue and palate epithelia. This intronless taste receptor gene encodes a seven-transmembrane receptor protein, functioning as a bitter taste receptor. This gene is clustered together with eight other taste receptor genes on chromosome 7. [provided by RefSeq, Jul 2017]