

Product datasheet for **SC307079**

TAS2R41 (NM_176883) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: TAS2R41 (NM_176883) Human Untagged Clone
Tag: Tag Free
Symbol: TAS2R41
Synonyms: T2R41; T2R59
Mammalian Cell Selection: None
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_176883 edited
ATGCAAGCAGCACTGACGGCCTTCTTCGTGTTGCTCTTTAGCCTGCTGAGTCTTCTGGGG
ATTGCAGCGAATGGCTTCATTGTGCTGGTGGTGGCAGGGAGTGGCTGCGATATGGCAGG
TTGCTGCCCTTGGATATGATCCTCATTAGCTTGGGTGCCCTCCCGTTCTGCCTGCAGTTG
GTTGGGACGGTGCACAACCTTCTACTACTCTGCCAGAAAGGTCGAGTACTCTGGGGTCTC
GGCCGACAGTTCTTCCATCTACACTGGCACTTCCTGAACTCAGCCACCTTCTGGTTTTGC
AGCTGGCTCAGTGTCTGTTCTGTGTGAAGATTGCTAACATCACACTCCACCTTCTG
TGGCTGAAGTGGAGGTTCCAGGGTGGGTGCCCTGGCTCCTGTTGGGCTCTGTCTGATC
TCCTTCATCATAACCCTGCTGTTTTTTGGGTGAACTACCCTGTATATCAAGAATTTTTA
ATTAGAAAATTTCTGGGAACATGACCTACAAGTGAATACAAGGATAGAAACATACTAT
TTCCCATCCCTGAACTGGTCATCTGGTCAATTCCTTTTTCTGTTTTTCTGGTCTCAATT
ATGCTGTTAATTAATTCTCTGAGGAGGCATACTCAGAGAATGCAGCACAAACGGGCACAGC
CTGCAGGACCCAGCACCCAGGCTCACACCAGAGCTCTGAAGTCCCTCATCTCCTTCCTC
ATTCTTTATGCTCTGTCTTTCTGTCCCTGATCATTGATGCCGAAAATTTATCTCCATG
CAGAACGACTTTTACTGGCCATGGCAAATTGCAGTCTACCTGTGCATATCTGTCCATCCC
TTCATCTCATCTTCAGCAACCTCAAGCTTCGAAGCGTGTCTCGCAGCTCCTGTTGTTG
GCAAGGGGCTTCTGGGTGGCCTGA

Restriction Sites: Please inquire

ACCN: NM_176883

Insert Size: 900 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).



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OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_176883.1.
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_176883.1 , NP_795364.1
RefSeq Size:	924 bp
RefSeq ORF:	924 bp
Locus ID:	259287
UniProt ID:	P59536
Cytogenetics:	7q35
Protein Pathways:	Taste transduction
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. Chloramphenicol is an agonist for the encoded protein. [provided by RefSeq, Jul 2017]