

Product datasheet for **SC307277**

TAS2R42 (NM_181429) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TAS2R42 (NM_181429) Human Untagged Clone
Tag:	Tag Free
Symbol:	TAS2R42
Synonyms:	T2R24; T2R42; T2R55; TAS2R55
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC307277 representing NM_181429. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCCACCGAATTGGACAAAATCTTTCTGATTCTGGCAATAGCAGAATTCATCATCAGCATGCTGGGG
AATGTGTTCAATTGGACTGGTAACTGCTCTGAAGGGATCAAGAACAAAAGGTCTTCTCAGCTGACTTC
ATCCTCACCTGCTTGGCTATCTCCACAATTGGACAAGTGGTACTGTTGATTGATTCTAGTG
GGACTTGCTTACATTTATACCACATATAGACTAGGAAAAGTGTATTATGCTTTGGCACATGACT
AATCACTTGACAACCTGGCTTGGCACCTGCCTAAGCATTTCTATTTCTTAAGATAGCCCACTTCCCC
CACTCCCTTTTCTGCTGAGGTGGAGGATGAACGGAATGATTGTTATGCTTCTTATATTGCTTTG
TTCTTACTGATTTTTGACAGTTTAGTGCTAGAAATATTTATTGATATCTCACTCAATATAATAGATAAA
AGTAATCTGACTTTATTTAGATGAAAGTAAAAGTCTCTATGATAAACTCTATTTTTAAAACTCTT
CTCAGCTTGACAGTTTTATCCCTTTTCTGTTCTGACCTCCTTGCTTTTTTTATTTCTGCTCTTG
GTGAGACATACTAGAAATTTGAAGCTCAGTTTCTTGGGCTCTAGAGACTCCAGCACAGAGGCCCATAGG
AGGGCCATGAAATGGTATGCTTTTCTTTCTTTCATAGTTCATTTTTTTCTTACAAGTGGCC
AATTGGATATTTTTATGTTGTGGAACAACAAGTGCATAAAGTTGTGATGTTAGCCTTAAATGCCTTT
CCCTCGTGCCACTCATTATTCTCATTCTGGGAAACAGCAAGCTGCAACAGACAGCTGTGAGGCTACTG
TGGCATCTTAGGAACTATACAAAACACCAACCCCTTTACCTTTGTAG
ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-Mlul
Plasmid Map:	<input type="checkbox"/>
ACCN:	NM_181429



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Insert Size:	945 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_181429.2
RefSeq Size:	945 bp
RefSeq ORF:	945 bp
Locus ID:	353164
Cytogenetics:	12p13.2
Protein Families:	Transmembrane
Protein Pathways:	Taste transduction
MW:	36.3 kDa