

Product datasheet for **SC204336**

TAS1R1 (NM_177541) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TAS1R1 (NM_177541) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TAS1R1
Synonyms:	candidate taste receptor T1R1; gm148; GPR70; Gpr70; G protein-coupled receptor 70; OTTMUSP00000011121; sweet taste receptor T1r; T1R1; T1r1; taste receptor, type 1, member 1; TR1
ACCN:	NM_177541
Insert Size:	357 bp
Insert Sequence:	>SC204336 3'UTR clone of NM_177541 The sequence shown below is from the reference sequence of NM_177541. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA CGATCGCC ACGGCAAGTACCTGCCTGCGGCCAACA TGAT GGCTGGGCTGAGCAGCCTGAGCAGCGGCTTCGGTGGGT ATTTTCTGCCTAAGTGCTACGTGATCCTCTGCCGCCAGACCTCAACAGCACAGAGCACTTCCAGGCCT CCATTCAGGACTACACGAGGCGCTGCGGCTCCACCTGACCAGTGGGTGAGCAGGCACGGCTGGCAGCCT TCTCTGCCCTGAGGGTCGAAGGTCGAGCAGGCCGGGGTGTCCGGGAGGTCTTTGGGCATCGCGGCTG GGGTTGGGACGTGAAGCGCCTGGGAGAGCCTAGACCAGGCTCCGGGCTGCCAATAAAGAAGTGAATG CGTAAAAAAAAA ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_177541.1</u>



Summary: The protein encoded by this gene is a G protein-coupled receptor and is a component of the heterodimeric amino acid taste receptor T1R1+3. The T1R1+3 receptor responds to L-amino acids but not to D-enantiomers or other compounds. Most amino acids that are perceived as sweet activate T1R1+3, and this activation is strictly dependent on an intact T1R1+3 heterodimer. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2010]

Locus ID: 80835

MW: 12.6