

Product datasheet for **MC214644**

Tas2r117 (NM_207021) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tas2r117 (NM_207021) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tas2r117
Synonyms: mGR17; mt2r54; T2R17; Tas2r17
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC214644 representing NM_207021
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAAGCACTTTTGAAGATATTATCTGTTATCTCCAGAGCACACTTTCAGTCATTTTAACTCGTGAAT
TAGTAATTGGAATTATAGGAAATGGGTTTACGGTCCCTGGTCCACTGTATGGACTGGGTTAAGAAAAAGAA
AATGTCCTAGTTAATCAAATTTCTACTGCTTTGTCAATCTCCAGAATTTTTCAGCTCTGTTTATTGTTT
ATAAGTTTAGTAATCAACTTTTCATATACAGATTTAACTACAAGTTCAAGGATGATACAAGTCATGTACA
ATGCTTGGATTTAGCCAACCATTTTCAGCATCTGGATTGCTACATGCCTCACTGTCCTTTATTTTCTAAA
GATAGCCAATTTTCTAACTCTTTTTTCTTTATCTAAAGTGGAGAGTTGAAAAAGTAGTTTCAGTTACA
CTGTTGGTGTCTTGTCTCCTCTGATTTTAAATATTTTACTAACTAACTTGGAAACCGACATGTGGACAA
ATGAATATCAAAGAAACATATCATGCAGCTTCAGTTCTCATTACTATGCAAAGTGTACAGGCAGGTGTT
AAGGCTCACATTATTTTCTGTCTGTCCCCGTGTTTGTCCCTGTCACTTTTCTCCTGCTCATCTTC
TCCCTGTGGACACATCACAAGAGGATGCAGCAGCATGTTTCAGGGAGGCAGAGATGCCAACCACGGCCC
ACTTCAAAGCCCTACAACTGTGATTGCATTTTCTCTACTATATCCATTTTATTCTGTCTGCTTAAT
ACAAATTTGAAAATATGAATTAAGTGAAGAAAAATCTTTTCGTTGTATTTTGTGAGGTTGTATATAGCT
TTTCCGACATTCCATTATATTTCTGATTGTAGGAGACATGAAGCTGAGACAGGCTGCCTGCCTCTCT
GTATTATCGCAGCTGAAATTCAGACTACACTATGTAGAAATTTAGATCACTAAAGTACTTTAGATTATG
TTGTATATTCTAG

ACGGTACGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_207021



[View online »](#)

Insert Size:	993 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).
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_207021.1 , NP_996904.1
RefSeq Size:	993 bp
RefSeq ORF:	993 bp
Locus ID:	353166
UniProt ID:	Q7M715
Cytogenetics:	6 64.03 cM
Gene Summary:	Putative taste receptor which may play a role in the perception of bitterness. [UniProtKB/Swiss-Prot Function]