

Product datasheet for **MC214838**

Tas2r138 (NM_001001451) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tas2r138 (NM_001001451) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tas2r138
Synonyms: mt2r31; T2R138; Tas2r38
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC214838 representing NM_001001451
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCTGAGTCTGACTCCTGTCTTAAGTGTCTATGAAGCCAAGATTTCAATTTCTGTTCCCTTTAGCCA
 TGGAGTTTGCAGTGGGAATCCTGGCCAACGCCCTTATTGTCTTGGTAAATGTTGGGATGTGGTAAAAA
 GCAGCCCTTGAACAACTGTGACATCGCACTGCTGTCTCAGCATCACTCGGCTTTTCTGCAGGGCCTT
 CTGCTTCTGGATGCTATTAGCTCGCCTGCTTCCAGCAGATGAAAGACCCACTGAGCCACAACCTACCAAG
 CCATCCTCACTCTCTGGATGATTGCAAACCAAGTGAGCCTCTGGCTGGCTGCCTGCCTCAGTCTCCTCTA
 CTGCTCCAAGATTGTCGGCTTCTCTCACACCTTCCACTCCATGTAGCAAGCTGGGTCTCCAGGAGATT
 CTTAGATGCTTCTAGTTGTTCTTCTCTCCTGCATCTGCACTGCCCTTTGTTTGGGGACTTTTTTT
 GCAGATCTCACTCCACGGTCACATCTCTACTGCACCTGAACAGCACAGAATTGAGTTTGCAAATTGCAA
 ACTCAATTTCTTTACTCGTTTATCTTCTGCAATGTGGCTCTGTCCCCCTTCTAGCTTTCTGGTT
 TCCTCGGGAGTGTGGTTATCTCCCTGGGAGTCACATGAGGACTATGAAGTCCAAACCCAGCAGCTCTG
 TGACCCAGCCTTGAGGCCACATCAGAGCCATCATATTTCTGATCTCCTTTTTCTGTTTTACGTGGT
 GTCATTCTGTGCTGCTTTAATATCAATACCTTACTGATGCTATGGCACAATAAGGGGGAGTGATGATT
 TGTATAGGGATGATGGCAGCTTGTCTTCTGGGACATGCAGCCATCCTGATATCAGGCAATGCTAAGCTGA
 GGAGGGCCATAGAGACCATGCTATTCTGGTTTCAAAGCAGGCAAAGGTGAGACCAGTCCACAAGGTTCC
 TCCAGGACACT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001001451



[View online »](#)

Insert Size:	996 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:	<u>NM_001001451.1</u> , <u>NP_001001451.1</u>
RefSeq Size:	996 bp
RefSeq ORF:	996 bp
Locus ID:	387513
UniProt ID:	<u>Q7TQA6</u>
Cytogenetics:	6 B1
Gene Summary:	Putative taste receptor which may play a role in the perception of bitterness. [UniProtKB/Swiss-Prot Function]