

Product datasheet for MC212242

Tas2r116 (NM_053212) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tas2r116 (NM_053212) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tas2r116
Synonyms: mGR16; mt2r56; T2R16; Tas2r7; Tas2r14; Tas2r16; TRB1; TRB4
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212242 representing NM_053212
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAATGGTGTCTACAGGTTACATTTATAGTCATTTTGTGAGTGTGGAATTTATAATTGGCATCTTTGGCA
 ATGGATTCATAGCGGTGGTGAACATAAAGGACTTGGTCAAGGGAAGGAAGATCTCTTCAGTGATCAGAT
 CCTCACTGCTCTGGCCATCTCCAGAATTGCACTGCTGTGGTTAATATTAGTAAGTTGGTGGATATTTGTG
 CTTTACCCAGGACAATGGATGACTGATAGAAGAGTTAGCATAATGCACAGTATATGGACAACATTC AACCC
 AGAGTAGTCTCTGGTTTGTCTACAAGTCTCAGCATCTTTTATTTTTTCAAGATAGCAAATTTTTCCAACCC
 TATTTTTCTTTATTTAAAGGTCAGACTTAAAAAGTCATGATAGGGACATTGATAATGTCTTTGATTCTC
 TTTTGTTTAAATATTATCATTATGAATGCACCTGAGAACATTTTAACTACTGAATATAATGTATCTATGT
 CTTACAGCTTGATTTGAATAACACACAGCTTTCTATGCTGTTTCCATTTGCCAACACCATGTTTGGGTT
 CATACTTTTGTGTGTCACCTGGTCACTTTTGTCTTCTGTTTTCTCCCTGTGGAAACATCAGAGAAAG
 ATGCAACACAGTGCCCATGGATGCAGAGATGCCAGCACTAAGGCCACATCAGAGCCTTGCAAGCATTGA
 TTGCCTCCCTCCTCTGATTCCATTTTCTTCTGTCATGTTATGAAGGTTTGGAGTCTCTGCTTCT
 GGAGAGGACACTCTGCTTTTGTATCACACAGGTTGCAAGAACAGCTTTTCCGTCAGTGCACCTCTGGGTC
 CTGATTCTGGCAATGCTAAGATGAGAAAGCTTCTCTATGTATTCTGTGGCTGAGGTGCAGGCACA
 AAGAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_053212
Insert Size: 918 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_053212.1 , NP_444442.1
RefSeq Size:	918 bp
RefSeq ORF:	918 bp
Locus ID:	112408
UniProt ID:	Q7M713
Cytogenetics:	6 64.03 cM
Gene Summary:	Putative taste receptor which may play a role in the perception of bitterness. [UniProtKB/Swiss-Prot Function]