

Product datasheet for MC214824

Tas2r110 (NM_199155) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tas2r110 (NM_199155) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tas2r110
Synonyms:	mt2r57; T2R10; Tas2r10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC214824 representing NM_199155 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTCTCACAGATAATAAGCACCAGTGATTTTTACTTTTACAATAATATTATTTGTGGAATTAGTAA
TAGGAATTTAGGAAATGGATTCATAGCACTAGTGAATATCATGGACTGGACCAAGAGAAGAAGCATTTC
ATCAGCGGATCAGATTCTCACTGCTTTGGCCATTACCAGATTTCTCTATGTGTGGTTTATGATCATTGT
ATATTGTTATTCATGCTGTGCCACATTTGCTTACAAGATCAGAAATAGTAACATCAATTGGTATTATTT
GGATAGTGAATAACCATTTCAAGCTTTGGCTTGCCACATGCCTCGGTGTCTTTATTTCTGAAGATAGC
CAATTTTCTAACTCTTTGTTTCTTTACCTAAAGTGGAGAGTTAAAAAGTAGTTTTAATGATAATACAG
GTATCAATGATTTTCTTGATTTTAAACCTGTTATCTCTAAGCATGTATGATCAGTTCTCAATTGATGTTT
ATGAAGGAAATACATCTTATAATTTAGGGGATTCAACCCATTTCCACAAATTTCTTATTCATCAATTC
ATCAAAAGTTTTCGTAATCACCAACTCATCCCATATTTTCTTACCCATCAACTCCCTGTTTCATGCTCATA
CCCTTCACAGTGTCCCTGGTAGCCTTTCTCATGCTCATCTTCTCACTGTGGAAGCATCACAAAAAGATGC
AGGTCAATGCCAAACACCTAGAGATGCCAGCACCATGGCCACATTAAGCCTTGCAACAGGGTTCTC
CTTCTGCTGCTGTATGCAGTACTTACTTTTATTGTCATAGGAATGTTGAGCCTTAGGTTGATAGGA
GGAAAATTAATACTTTTATTTGACCACATTTCTGGAATAGGTTTCTATAAGCCACTCATTGTGCTGA
TTCTGGGAAATAACAAGCTGAGACAAGCCAGTCTTTCAGTGTTGCATTGTCTGAGGTGCCGATCCAAAGA
TATGGACACCATGGGTCCA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_199155
Insert Size:	1002 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_199155.2, NP_954606.2</u>
RefSeq Size:	1002 bp
RefSeq ORF:	1002 bp
Locus ID:	387344
UniProt ID:	<u>Q7M712</u>
Cytogenetics:	6 64.03 cM
Gene Summary:	Gustducin-coupled receptor implicated in the perception of bitter compounds in the oral cavity and the gastrointestinal tract. Signals through PLCB2 and the calcium-regulated cation channel TRPM5 (By similarity).[UniProtKB/Swiss-Prot Function]