

Product datasheet for MC215420

Tas2r103 (NM_053211) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tas2r103 (NM_053211) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tas2r103
Synonyms:	EG667992; mGR03; mt2r63; T2R3; Tas2r3; Tas2r10; TRB2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC215420 representing NM_053211 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGTTGACAATAAGGGCTATTTTATGGGTAACATTGATAACTATTATAAGTCTGGAGTTTATCATAG
GAATTTTAGGAAATGTATTCATAGCTCTCGTGAACATCATAGACTGGGTTAAAGAGGAAAGATCTCTGC
AGTGGATAAGACCTATATGGCCCTGGCCATCTCCAGGACTGCTTTTTATTGTCACTAATCACAGGGTTC
TTGGTATCATTATTGGACCCAGCTTTATTGGGAATGAGAACGATGGTAAGGCTCCTTACTATTTCTGGA
TGGTGACCAATCATTTTCAGTGTCTGGTTTGCAACATGCCTCAGTATCTTTATTTTCTCAAGATAGCTAA
TTTCTCAAATTCTATTTTCCTTGTCTCAAATGGGAAGCTAAAAAGTGGTATCAGTGACATTGGTGGTA
TCTGTGATAATCTTGATCATGAACATTATAGTCATAAAACAAATCACTGACAGACTTCAAGTAAACACAC
TCCAGAACTGTAGTACAAGTAACACTTTAAAGATTATGGGCTCTTTTATTCTAGCACTGGGTTTAC
ACTCACCCCATTCGCTGTGTCTTTGACAATGTTTCTTCTGCTCATCTTCTCCCTGTGGAGACATCTGAAG
AATATGTGTCACAGTGCCACAGGCTCCAGAGATGTCAGCACAGTGGCCACATAAAAGGCTTGCAAACTG
TGGTAACCTTCCTGTTACTATATACTGCTTTTGTATGTCACTTCTTTCAGAGTCTTTGAATATTAACAT
TCAACATACAAATCTTCTTTCTCATTTTTACGGAGTATAGGAGTAGCTTTCCACAGGCCACTCCTGT
GTACTGATTCTTGAAACAGTAAGCTGAGGCAAGCCTCTTTCTGTGATATTGTGGCTGAGGTATAAGT
ACAAACATATAGAGAATTGGGGCCCC**TA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_053211


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Insert Size:	939 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:	NM_053211.1 , NP_444441.1
RefSeq Size:	939 bp
RefSeq ORF:	939 bp
Locus ID:	667992
UniProt ID:	Q9JKA3
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.[UniProtKB/Swiss-Prot Function]