

Product datasheet for MC215169

Tas2r137 (NM_001025385) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tas2r137 (NM_001025385) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tas2r137
Synonyms: mt2r41; T2R37; Tas2r3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC215169 representing NM_001025385
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAGATTTATGAACAGAACAAGCAAGGATCAGGGTGGCCTAAATCTAATATGTTGGATTCATTGAAG
GGGTGTTCTGGTTCGACTATCACTGAGTTTATTCTTGGAAATCTGGTGAATGGTTTCATTGTGTCAAT
CAATAGCAGCTATTGGTCAAGAGCAAGAAGATTTCTTTGTCTAACTTCATCATTACCAGCTTGGCCCTC
TTCAGGATCTTTCTGTTGTGGATTATCTTTATTGATAGTCTTATAATAGTGTTCTCTTACCAGACTCATG
ACTCAGGGATAATGATGCAACTAATTGATGTTTTCTGGACATTTACAAACCACTTCAGTATTTGGCTTAT
CTCCTGTCTCAGTGTTTTCTACTGCCTGAAAATAGCCAGTTTCTCCCACCCCTCATTCTCTGGCTCAAA
TGGAGAGCTTCTAGAGTGGTGTGGGATGCTGTGGGCGCACTGCTCTTATCCTGTGTGTCAGTACCATGT
CTCTGATGAATGAATTAAGATCTATTCTGCCCTCACTAGAAGCAAAGACACACCAAAATGACTGAATA
CATCAGACTGAAGCGACAGGAATATAATCTGATGCATGTTCTTGGGAATCTGTGGAAGATTCCTTCTTA
ATTGTTCCCTGGTTGCCTACCTTCTGCTGCTCCTCTCTGGGAAGCACACACAGCAGATGCAGCAAT
ACAGATTGACTCCAGAGATCAGAGTGTGAGGCCCAAAAAGAGCCATGAGAATCATCTCTTCTTTCT
CCTATTCTTATTCTACTTTCTTCTTTATGATTTTGTCCAGTGGTTTCTACCAGAAACAGG
ATCGCCAGGATAATTGGAGTAGTATTTCAATGTCATACCTTGTGGTGATTCAATTTATTCTCATAGTAT
GTAACAACAAGCTGAAGCATACATTTGTGGCCATGCTCCCATGTGAGTGTGGTCACTGAAACCTGGATC
TAAGGGACCCTCTGCTTCA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001025385



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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:	<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_001025385.1</u> , <u>NP_001020556.1</u>
RefSeq Size:	1002 bp
RefSeq ORF:	1002 bp
Locus ID:	574417
UniProt ID:	<u>Q7TQA7</u>
Cytogenetics:	6 B1
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]