

Product datasheet for MC214832

Tas2r126 (NM_207028) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tas2r126 (NM_207028) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tas2r126
Synonyms: mGR26; mt2r35; T2R12; T2R26; Tas2r26; Tas2r41
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC214832 representing NM_207028
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTACCAACATTATCAGTTTTCTTCATGTTGACCTTTGTTCTGCTCTGTTTCTGGGGATCCTGGCCA
 ACGGCTTCATTGTGCTGATGCTGAGCAGGAATGGCTACTGCGTGGTAGGCTGCTCCCTCGGACATGAT
 CCTCTTCAGTTTGGGCACCTCCGATTCTCCAGCAGTGTGTTGGGATTGGTCAACAGTTTCTATTACTTC
 CTCATCTGGTTGAGTACTCCGGGAGCCTTGCCCGGCAGCTCATTAGTCTTCACTGGGACTTCTTGAAC
 CAGCCACTTTCTGGTTTTGTACCTGGCTCAGCGTCCTGTTCTGTATCAAGATTGTAACCTTCCCATCC
 TGCCCTTCTGTGGTTGAAGTGGAGATCCAGCGTTGGTGCCTGGTTCTTGTGGGCTCTATCTTGGTG
 TCCGTCATTGTAACCTGCTGTTCTTTTGGGAAACCACACTATATCAGGCATTCTTAAGGAGAAAAGT
 TTAAGGAGTGGAAACAGAAAGGCTGAAATAGACTATTTTCATGCCTCTGAAAGT
 TGTCACCATGTCAATTCCTTGTCTCTTTTCTGGTCTCAATTTGCTGTTGATCAGTTCTCTCAGAAGG
 CATTTCGTAAGAATGCAGCACAATACCCACAGCTTGAAGACCCCAACGTCAGGCTCACAGCAGAGCCC
 TGAAGTCACTCATCTCATTCTGGTTCTTTATGCGGTGTCCTTTGTGCCATGATCATTGCTACAGT
 CTTCACTCCTCAGATAATGTGGTATTGGCCCTGGCAAATTATACTTTACTTTTGCATGTCTGTACAT
 CCATTTATCCTCATACCAATAATCTCAGGTTCCGCGGCACCTTCAGGCAGCTACTCCTGTTGGCCAGG
 GATTCTGGGTGGCCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_207028
Insert Size: 927 bp



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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_207028.1 , NP_996911.1
RefSeq Size:	927 bp
RefSeq ORF:	927 bp
Locus ID:	387353
UniProt ID:	P59532
Cytogenetics:	6 B2.1
Gene Summary:	Receptor that may play a role in the perception of bitterness and is gustducin-linked. May play a role in sensing the chemical composition of the gastrointestinal content. The activity of this receptor may stimulate alpha gustducin, mediate PLC-beta-2 activation and lead to the gating of TRPM5 (By similarity).[UniProtKB/Swiss-Prot Function]