

Product datasheet for RN211261

Tas2r13 (NM_023998) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tas2r13 (NM_023998) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tas2r13
Synonyms:	T2R8
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN211261 representing NM_023998 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAACCTGTCATTCACGTCTTTGCCACTCTACTAATACATGTGGAGTTCATTTTTGGGAATCTGAGCA
ATGGATTAATAGTGTGTCAAACCTCTGGGACTGGGTCGTTAAACGAAAACCTTCCACAATTGATAAAAT
TCTTCTTACATTGGCAATTTCAAGAATCACTCTCATCTGGGAAATGTATGCTTGTAAAAATTGTATAT
GGTTCATCTTCATTTATATTTGGGATGAAGTTACAAATCTTTATTTTGCCTGGATCCTTTCTAGTCACT
TCAGCCTCTGGTTTGCCACAGCTCTCAGCATCTTTTACTTACTCAGAATAGCTAACTGCTCCTGGAAGAT
CTTCTGTATCTGAAATGGAGACTTAAACAAGTATTGTGGGGATGTTGCTGGCAAGCTTGGTGTCTTG
CCTGGAATCCTGATGCAAAGGACTCTTGAAGAGAGGCCCTATCAATATGGAGGAAACACAAGTGAGGATT
CCATGGAACTGACTTTGCAAAGTTTACAGAGCTGATTCTTTTCAACATGACTATATTCTCTGTAATACC
ATTTTCATTGGCCTTGATTTCTTTCTCCTGCTAATCTTCTCTTTGTGGAACATCTCCAGAAGATGCAG
CTCAGTTCAGAGGACATGGAGACCCTAGCACCAAGGCCACAGAAATGCTTTGAGAATTATGGTCTCCT
TCCTCTTGCTCTACACTTCATATTTCTGTCTCTTCTTATATCATGGATTGCTCAGAAGCATCACAGTAA
ACTGGTTGACATTATTGGTATTATTACTGAACTCATGTATCCTTCAGTCCACTCATTATCTGATTCTA
GGAAATTTCAAATTAAGCAGACTTCTCTTTGGATACTGAGTCATTTGAAATGTAGACTGAAAGGAGAGA
ATATTTTAACTCCATCTGGCAAACCAATTAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_023998
Insert Size:	945 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_023998.1 , NP_076488.1
RefSeq Size:	945 bp
RefSeq ORF:	945 bp
Locus ID:	78984
Cytogenetics:	4q42
Gene Summary:	member of a family of mammalian taste receptors that couple with the G protein subunit gustducin; may play a role in bitter taste perception [RGD, Feb 2006]