

Product datasheet for RN212712

Tas2r107 (NM_023995) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tas2r107 (NM_023995) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tas2r107
Synonyms:	T2R4; Tas2r10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN212712 representing NM_023995 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGCTGAGTGCAGCAGAAGGCATCCTCCTTTGTGTTGCTCACTAGTGAGGCAGTGCTGGGGTTTTAGGAG
ACACATTCATTGCACTTGCAAATGCATGGAGTATGCCAAGAACAAGAAGCTCTCTAAGATTGGTTTCAT
TCTCATTTGGCTTGGCGATTTCCAGAATTGGTGTGCTATGGATAATAATTTTACAGGGGTATATGCAAGTA
TTTTTCCACACATACTTACCTTTGAAACATAACTGAATATATTACTTACATATGGGTGTTTCTCAATC
ACTTAAGTGTCTGGTTTGTACCAACCTCAATATCCTCTACTTTCTAAAGATAGCAAATTTTCCAACCTC
TGATTTTCTCTGGCTGAAAAGTAGAGTCCGTGTGGTTTTATCTTTCTGTGAGGATGCTTACTTACCTCG
TGGTTACTATGTTTTCCACAATTTCAAAGATGCTTAACAACAGTAAAATGTACTGGGGAACACGTCCTT
GGCTCCAGCAGCAGAAAAATGTCTTCCTTATTAACCAAAGTTTAAACCAATCTGGGAATCTCTTTTTTCAT
TATTGTATCCCTGATTACCTGCTTCCTGTTGATTGTTTTCCTCTGGAGACACATCAGGCAAATGCACTCA
GATGGTTCAGGACTCAGAGACCTCAACACAGAAGCTCATGTGAAAGCCATGAGAGTTCTAATATCTTTTG
CGGTACTCTTTATCCTGCATTTTCGTAGGTCTTTCCATACAAGTGTATGCTTTTTTCTGCCACAAAAACAA
CCTACTCTTTATAACTGGTTTGATAGCCACATGCCTCTATCCCTGTGGTCACTCAATCATCTTAATTCTA
GGAAACAAGCAGCTGAAGCAAGCCTCCTTGAAGGCACTGCAGCACTTAACGTGCTGTGAGACAAAAAGAA
ATCTCTCAGTCACATA**AA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_023995


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Insert Size:	927 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.
RefSeq:	<u>NM_023995.1</u> , <u>NP_076485.1</u>
RefSeq Size:	927 bp
RefSeq ORF:	927 bp
Locus ID:	78981
UniProt ID:	<u>Q9JKT9</u>
Cytogenetics:	4q42
Gene Summary:	member of a family of mammalian taste receptors that couple with the G protein alpha subunit gustducin; may play a role in bitter taste perception [RGD, Feb 2006]