

Product datasheet for **RN206814**

Tas2r124 (NM_001080938) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tas2r124 (NM_001080938) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tas2r124
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN206814 representing NM_001080938 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTATCTGTCCTGCACAGCATCTCCACCATTATAATAATCGCAGAGTTCGTTTGGGAAATTTAAGCA
 ATGGTTTGATAGTACTGAAGAACTGTCTTGATTGGATCAATATAAAAGAGCTCTCCACACTTGATCAGAT
 ACTCATTCTCTTGCAATTTCCAGAATTAGTCTCATCTGGGAGACATTACTCATGTGGGTTAAAGATAAA
 CTAATTTTCATCTATTACCATCGAAGAATTGAAAATGATTATGTTTCAGTTTTATGCTATCTAGCCACTTCA
 GTCTCTGGCTTGCTACAGCTCTAAGCACCTTCTATTTATTCAGAATAGCTAACTGCTCTTGGCAGATCTT
 TCTCTACTTAAATGGAGACTAAACATCTGATCGTGCAGATGCTACTGGGAAGCGTGATGTTCTTGATT
 GCAAATATAATACAAATAACCATCACTCTTGAAGAGGTTCTATCAATATAAGGAAACACAAGTGTGA
 ATTCCATACAGAAATGAGTTTGCACCTTTTGATAGAGATGATGTTATTTAACATGACTATATTTCTGTGAT
 ACCATTTTATTGGCCCTGATTCTTTTTTCTGCTAATCTTCTTTATGGAACATCTCCAGAGGATG
 CAGCTCAATTCAGAGAAGATAGAGACCCTAGTACCAAGGCTCACAGGAATGCCTTAGGAATTATGGTCT
 CTTTCTCTTGCTCTATACTATGTATGCTCTCTCTTCTTATATCCTGGATTGCTCAGAAGAATCAAAG
 TGAAGTGGTTCACATTATTTGTATGATAACTTCACCTTGAATCCTTCAGTCCACTCATCTATCCTGATT
 CTGGGTAATTTAAATTTAAACAGAGTTCTCTTTGTATACTGAGGCACCTGGGATGTAGGCTGAAATCAC
 AGAATACACCACTACA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001080938
Insert Size:	930 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:	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_001080938.1</u> , <u>NP_001074407.1</u>
RefSeq Size:	930 bp
RefSeq ORF:	930 bp
Locus ID:	690472
UniProt ID:	<u>Q67ES5</u>
Cytogenetics:	4q42
Gene Summary:	Putative taste receptor which may play a role in the perception of bitterness. [UniProtKB/Swiss-Prot Function]