

Product datasheet for **MC214831**

Tas2r125 (NM_207027) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tas2r125 (NM_207027) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tas2r125
Synonyms:	mGR25; mt2r59; T2R26; Tas2r25
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC214831 representing NM_207027 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGATGGGTATTGCCATAGATATCTTATGGGCAGCTATTATCATTGTGCAATTCATAAATGGGAATTTG
CAAATGGATTCATAGCATTGGTGAACATCATAGACTGGGTGAAGAGAAGAAAAATCTCTTAAATGGATAA
GATCATTACTGCTTTGGCAATCTCTAGGATTTATCTGCTGTGGTCTACATTCTTAATTACACTAACATCT
TCACTGGATCCAGATATTAATAATGGCTGTGAAAATCATTAGAATAAGCAATAACACCTGGATTATTGCAA
ATCATTTCAGCATTGGTTTGTACATGTCTCAGCATCTTTATTTTCTCAAGATAGCCAATTTTTCTAA
CTATATTTTTCTACTTAAGGTGGAGATTTAAGAAGGTGGTTTCAGTGACATTGCTAATCTCTCTTATC
TTCTGCTTTTAAATATTTACTGATGAACATGCATATTGATATCTGGAGTGATAAGTCCAAAAGAAACC
TTTCTTTTAGTGTGAGATCAAATAATTGCACTCAGTTTCCAGACTTGTCTTTTAAATCAACACAATGTT
CACATCAATCCCTTCACTGTGTCCTGTTGGCTTTTCTGCTTCTCATCTTCTCCCTGTGGAGACACCTG
AAAACCATGCAATACTATGCTAAAGGCTCCGAAGACACCACCACAGCTGCACATAAAAGGCTTGCACA
TGGTAGTGGCCTTTCTCTGTTCTACACAGTTTTCTTTTGTCTCTTGGCATACAATATTGGACCTCTGG
GTCTCAAGAGAATAACAACCTGTTTTATGCCACAATTGTAATTACTTTCCCTTCAAGTCCATTATCATGATC
CTGATTCTGAGAAACAGCCAGCTGAGGCAGGCATCTCTGTTGGTGCTGTGGTGGCTGTGTGCAAGTCCA
AAGATGTACGGATGTTGGTTCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_207027



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Insert Size:	936 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_207027.1 , NP_996910.1
RefSeq Size:	936 bp
RefSeq ORF:	936 bp
Locus ID:	387352
UniProt ID:	Q7M710
Cytogenetics:	6 64.03 cM
Gene Summary:	Putative taste receptor which may play a role in the perception of bitterness. [UniProtKB/Swiss-Prot Function]