

Product datasheet for **RN210145**

Taar3 (NM_001009532) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Taar3 (NM_001009532) Rat Untagged Clone
Tag: Tag Free
Symbol: Taar3
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN210145 representing NM_001009532
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATCTAATATACATTCTGAAGACTTATCCAGCTGTCCAAAATTCGGAATAATCCTGCCCTCCCA
CCAATCGCTCTTCCGTGTGCGCTTGATCATGTACCTGCTTATGACCGGAGCCATGGTTATACCATCTT
CGGAACTTGGTGATAATCATTTCCATATCGCATTTCAAACAGCTACACTCTCCCACTAATCTCTGATC
CTCTCCATGGCAACCACCGACTTCCTGCTGGGATTTGTCATCATGCCTTACAGCATGGTGAGATCAGTGG
AGAGCTGCTGGTATTTTCGAGACAGCTTTTGCAAATTCACGCAAGCTTCGACATGATGCTAAGCCTGAC
TTCCATTTTCCATCTGTGCTCCATCGCTATTGACCGGTTTTACGCAGTGTGTGCCCTTTGCACTACACC
ACCACCATGACGCGCTCCATGATCAAGAGACTGCTGTTTTTTGCTGGGCGGCCCGAGCTCTCTTTCTT
TCGGTTTAGTTCTGTGAGAGCCAATGTTTCTGGTATGCAGAGCTACGAGATTCTCATTGCTTGCTTCAA
TTTCTGTGCGCTTACGTTTAACAAATTTGGGGGACCATACTGTTACGACCTGCTTTTTACTCCTGGC
TCCATCATGGTTGGTATTTATGGTAAAATTTTATTGTTTCCAGACGACATGCTCGAGCCCTCGGCAATA
TGCTGAGAACACAAAAGGAGCAGGGAGAACTGTCTAAGAAAAAGGACAGGAAAGCAGCAAGACTCT
CGGTATCGTCATGGGGTGTCTGCGCTGCTGGCTACCTTGTTTCTGGCTGTCTTGATTGATCCATAT
TTAGACTACTCTACCCAATCATAGTTCTCGATCTTCTGGTATGGCTCGGTACTTCAACTCTACTTGCA
ACCCCTCATCCATGGCTTTTTTACCCATGGTTTCGCAAAGCTCTTGAGCATATAGTGTCAGGAAAAAT
ATTCGCTCCAATTCAGACACTGCAAACCTTTTCTGAAGCACAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001009532



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Insert Size:	1029 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_001009532.1</u> , <u>NP_001009532.1</u>
RefSeq Size:	1029 bp
RefSeq ORF:	1029 bp
Locus ID:	494319
UniProt ID:	<u>Q5QD24</u>
Cytogenetics:	1p12
Gene Summary:	Olfactory receptor activated by several primary trace amines, including isoamylamine. Activated by isoamylamine and cyclohexylamine, but not to the corresponding alcohols, isoamylalcohol and cyclohexanol. This receptor is probably mediated by the G(s)-class of G-proteins which activate adenylate cyclase (By similarity).[UniProtKB/Swiss-Prot Function]