

Product datasheet for **RN200959**

Taar4 (NM_175583) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Taar4 (NM_175583) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Taar4
Synonyms:	Ta2; taR-2; taR-4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN200959 representing NM_175583 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGAATTCACCTGACCTCTGGTACTCCCCAGAAACACAGTTTTGCTTCGCCGCTGCAAACAACCTCTTGCC
CGAGGAAGGCGAGGCCTGCGCTTGTGGTCTGCGCCATGTACCTCGTCATGATCGGAGCGATAGTGATGAC
CATGCTGGGAAACATGGTTGTGATCATCTCCATTGCCACTTCAAGCAGCTCCACTCCCCGACCAACTTC
CTTATTCTCTCCATGGCTACCACAGACTTCCTGTTGAGCTGCGTGGTCATGCCCTTCAGTATGGTCCGGT
CTATCGAGTCGTGCTGGTACTTCGGAGACCTCTTTTGCAAAGTCCACAGCTGCTGTGACATCATGCTCTG
TACCACCTCCATTTCCACCTCTGTTTCATCTCAGTGGACCGCCACTATGCTGTCTGTGACCCACTGCAT
TATGTCACCCAAATCACCGTCGGCGTCGTGGGGGTCTTTCTACTCATCAGTTGGTCTGTCCCCATCCTGT
TTGCCCTTTGGCCTGGTGTCTCAGAATTAATTTGATTGGTGTGAGGATTTTGTGACGCCATTGACTG
TACAGGTTTGTGTGTGTGATATTTAACAAGCTCTGGGGAGTGTGGCTTCCTTTATAGCTTTCTTTCTG
CCTGGGGCAATCATGGTGGGATTTATATACACATTTTCACAGTTGCCCGGAAACATGCCCGGAAATTTG
GTCCAGGTCCTAGGACAAAACGGGCCCTCTCAGAAAGCAAAATGAAGGCCACATCCGGAAAGGAAAGCAA
GGCCACCAAGACTTTGAGCATAGTCATGGGAGTATTTGTGCTGTGTTGGCTGCCCTTCTTCGTCTTGACA
ATCACAGATCCTTTCAATTGGTTTTACAACCCCTGAAGATTTGTATAATGTCTTCCTCTGGCTCGGTTATT
TTAACTCCACTTTCAACCCCATCATATACGGCATGTTCTATCCTTGGTTTCGAAAGGCCCTGAGGATGAT
AGTCACAGGGACGATCTTTCGCTCTGACTCCTCTACCTCCAGCTTGCATCCTGCACATCCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_175583
Insert Size:	1044 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_175583.1</u> , <u>NP_783173.1</u>
RefSeq Size:	1044 bp
RefSeq ORF:	1044 bp
Locus ID:	294122
UniProt ID:	<u>Q923Y7</u>
Cytogenetics:	1p12
Gene Summary:	neurotransmitter/neuromodulator of trace amines; responsible for psychiatric disorders, depression and migraine [RGD, Feb 2006]