

Product datasheet for **RN204787**

Taar9 (NM_175602) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Taar9 (NM_175602) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Taar9
Synonyms:	Ta3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN204787 representing NM_175602 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGAGCTCTGCTACGAGAAGCTGAATGGATCTTGCATTAAAGCTCCTACTCGCCCTGGCCTCGAGCCA
TCCTCTATGCGGTCCTTGGTTTGGGAGCCCTGCTGGCAGTGTTTGGGAATTACTGGTCATCACCCTAT
CCTCCACTTTAAACAGTTGCACACGCCTACAACTTTCTGGTGGCCTCGCTGGCCTGTGCTGACTTCTTG
GTGGGGGTGACTGTGATGCCCTTAGCACGGTGCAGTCTGTGGAGGGCTGCTGGTACTTTGGGGACACTT
ACTGTAAGTTCCACACGTGTTTCGACACCTCCTCTGCTTTCGCTCTCTGTTTCACTTATGCTGCATCTC
CATTGACAGGTACGTTGCAGTCACCGACCCACTGACCTATCCGACCAAGTTCACCATTTTCGTTTCTGGC
GTGTGCATCGCTCTCTCGTGGTTCTTTCTGTACCTACAGCTTTTCCATCTTTACACAGGAGCCAACG
AGGAAGGGATTGAGGAAGTAGTGGTTGCTCTGACCTGTGTGGGAGGCTGCCAGGCTCCACTGAATCAGAA
TTGGGTTTTACTTTGTTTCTTTTGTCTTTCTGCCCAGTGTGTCATGGTGTCTCTATGGTCGGATA
TTTTTGGTGGCGAAGCAACAGGCTAGGAAGATAGAGGGTTCGGCCAACCAACCCAGGCCCTCTGAGA
GCTACAAGGAAAGAGTAGCCAGACGAGAGGAAGGCGGCCAAACCTTGGGGATCGCCATGGCTGCATT
TCTCGTGTCTGGCTGCCATACATTATCGATGCCGTGATTGATGCCTACATGAACCTTATAACTCCTGCC
TACGTCTATGAGATATTAGTGTGGTGTGTTTACTATAATTCAGCTATGAACCTTTGATATATGCCTTCT
TTTATCCTTGGTTTCGCAAGGCAATAAACTTATTGTGAGTGGCAAAGTCTTCAGGGCTGACTCATCAAG
AACTAATCTGTTCTCTGAAGAAGCAGGTGCAGGT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_175602
Insert Size:	1017 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_175602.1</u> , <u>NP_783192.1</u>
RefSeq Size:	1017 bp
RefSeq ORF:	1017 bp
Locus ID:	319107
UniProt ID:	<u>Q923Y6</u>
Cytogenetics:	1p12
Gene Summary:	neurotransmitter/neuromodulator of trace amines; responsible for psychiatric disorders, depression and migraine [RGD, Feb 2006]