

Product datasheet for RN201616

Taar7g (NM_175588) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Taar7g (NM_175588) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Taar7g
Synonyms:	Ta9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN201616 representing NM_175588 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGCTACAGATGATGGCAGTTTTCCCTGGACTCAGGAAAGCATCCTGAGCAGAGATCTGCTCTCAGCCT
TGTCTCCCAGCTGTGCTATGAGAACCTGAACAGATCCTGTGTGAGGAGCCATACTCCCAGGCTCTCG
CCTCATCTCTATGCAGTCTTTGGCTTTGGGGCTGTGCTGGCTGTGTGTGAAACCTCCTGGTGATGACA
TCAATTCTTCATTCAGGCAGCTGCACTCTCTGCCAATTTCTGGTGGCCTCCCTGGCCTGTGCTGACT
TGTGGTGGGCTGACTGTGATGCCTTTGAGCATGGTGAGGTCTGTGGAGGGCTGCTGGTACTTTGGGA
CAGTTACTGTAAATTACACAGTTGTTTTGATATTTCTTTCTGTAGTTCTTCTCTTACACTTGTGCTTC
ATCTCTGTTGATAGACATATTGCAGTCAGTGACCCCTGATTTACCCACAGGTTCACTGCATCTGTTT
CTGGCAAGTACATCACCTTCTCCTGGCTCCTGTCCATCATCTATGGCTTTTCCCTCATTTACACAGGAGC
AAGTGAAGCTGGGCTGGAGGATCTAGTGAGTGCCCTTACTTGTGTGGCGGCTGTCAAGTTGCAGTGAAT
CAAAGCTGGGTCTTCATCAATTTCTATTATTTCTGTCCCTGCCCTTGTGATGACTGTCTACTCTA
AGATCTTCCTCATTGCAAAGCAGCAGGCTCAGAACATGGAGAAGATGAGCAAGCAGACTGCCAGGGCATC
TGACAGCTACAAGGACAGGGTGGCCAAGAGGGAGAGGAAAGCAGCCAAAACCTTGGGCATTGCAGTGGCT
GCCTTCCTCCTTTCATGGCTGCCATACTTCGTTGATTCCATCATTGATGCCTTCCTGGGTTTCATTACGC
CCAGTATGTGTATGAAATCCTAGCTTGGATAGCTTACTATAAAGTCGGCCATGAACCTTTGATTTATGC
TTTCTTCTATCCTTGGTTTCGAAAGCCATCAAACCTATTGTCACTGGCAAAATCTTGAAAGAGAATTCC
TCAACCATCAATTTGTTCCCTGAG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_175588
Insert Size:	1077 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_175588.1</u> , <u>NP_783178.1</u>
RefSeq Size:	1077 bp
RefSeq ORF:	1077 bp
Locus ID:	294131
UniProt ID:	<u>Q923Y1</u>
Cytogenetics:	1p12
Gene Summary:	neurotransmitter/neuromodulator of trace amines; responsible for psychiatric disorders, depression and migraine [RGD, Feb 2006]