

Product datasheet for **SC126680**

TA3 (TAAR9) (NM_175057) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TA3 (TAAR9) (NM_175057) Human Untagged Clone
Tag:	Tag Free
Symbol:	TA3
Synonyms:	TA3; TAR3; TAR9; TRAR3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_175057, the custom clone sequence may differ by one or more nucleotides

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ATGGTGAACAATTTCTCCCAAGCTGAGGCTGTGGAGCTGTGTTACAAGAACGTGAACGAATCCTGCATTA  
AAACTCCTTACTCGCCAGGTCCTCGATCTATCCTCTACGCCGTCCTTGGTTTTGGGGCTGTGCTGGCAGC  
GTTTGGAACTTACTGGTCATGATTGCTATCCTTCACTTCAAACAACGCACACACCTACAACTTTCTG  
ATTGCGTCGCTGGCCTGTGCTGACTTCTTGGTGGGAGTCACTGTGATGCCCTTCAGCACAGTGAGGTCTG  
TGGAGAGCTGTTGGTACTTTGGGACAGTACTGTAAATCCATACATGTTTTGACACATCCTTCTGTTT  
TGCTTCTTTATTTCAATTTATGCTGTATCTCTGTTGATAGATACATTGCTGTTACTGATCCTCTGACCTAT  
CCAACCAAGTTTACTGTGTCAGTTTCAGGGATATGCATTGTTCTTTCCTGGTTCTTTTCTGTCACATACA  
GCTTTTCGATCTTTTACACGGGAGCCAACGAAGAAGGAATTGAGGAATTAGTAGTTGCTCTAACCTGTGT  
AGGAGGCTGCCAGGCTCCACTGAATCAAACTGGGTCCTACTTTGTTTTCTTCTATTCTTTATACCCAAT  
GTCGCCATGGTGTATATACAGTAAGATATTTTTGGTGGCCAAGCATCAGGCTAGGAAGATAGAAAAGTA  
CAGCCAGCCAAGCTCAGTCCTCCTCAGAGAGTTACAAGGAAAGAGTAGCAAAAAGAGAGAAAAGGCTGC  
CAAAACCTTGGGAATTGCTATGGCAGCATTTCTGTCTCTTGGCTACCATACCTCGTTGATGCAGTGATT  
GATGCTTATATGAATTTATAACTCCTCCTTATGTTTATGAGATTTAGTTTGGTGTGTTTATTATAATT  
CAGCTATGAACCCCTTGATTTATGCTTTCTTTTACCAATGGTTTGGGAAGGCAATAAACTTATTGTAAG  
CGGCAAGGTCTTAAGGACTGATTTCGTCACAACTAATTTATTTTCTGAAGAAGTAGAGACAGATTA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_175057 unedited
 CCGGCAAATACGAGATTTGTAACACGATTCACATATAGGCGGCCGCCAGTCGTGATGGAAT
 CTGCAGAAATTCGGCTTAAAGCAATGGTGAACAATTTCTCCAAGCTGAGGCTGTGGAGCT
 GTGTTACAAGAACGTGAACGAATCCTGCATTAATACTCTTACTCGCCAGGTCCTCGATC
 TATCCTCTACGCCGTCTTGGTTTTGGGGCTGTGCTGGCAGCGTTTGGAACTTACTGGT
 CATGATTGCTATCCTTCACTTCAAACAACCTGCACACACCTACAACTTTCTGATTGCGTC
 GCTGGCCTGTGCTGACTTCTTGGTGGGAGTCACTGTGATGCCCTTCAGCACAGTGAGGTC
 TGTGGAGAGCTGTTGGTACTTTGGGGACAGTTACTGTAAATTCATACATGTTTTGACAC
 ATCCTTCTGTTTTGCTTCTTTATTTTCAATTTATGCTGTATCTCTGTTGATAGATACATTGC
 TGTACTGATCCTCTGACCTATCCAACCAAGTTTACTGTGTCAGTTTCAGGGATATGCAT
 TGTCTTTCTGGTTCTTTTCTGTCACATACAGCTTTTCGATCTTTTACACGGGAGCCAA
 CGAAGAAGGAATTGAGGAATTAGTAGTTGCTCTAACCTGTGTAGGAGGCTGCCAGGCTCC
 ACTGAATCAAACCTGGTCTACTTTGTTTTCTTCTATTCTTTATACCAATGTCGCCAT
 GGTGTTTATATACAGTAAGATATTTTTGGTGGCCAAGCATCAGGCTAGGAAGATAGAAA
 TACAGCCAGCCAAGCTCAGTCTCCTCAGAGAGTTACAAGGAAAGAGTAGCAAAAAGAGA
 GAGAAAGGCTGCCAAAACCTGGGCAATTGCTATGGCA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_175057 unedited
 CATCCATGGCGCCTATTGGCGATGGTCACCTTGCCAGNCCAGGAAAGCACTGGGAGNAG
 GGGTCACAGGGCATGCCACCCGGGCTCTGTTTCCAGGAAACAGCTATGACCGCGGCCCAAT
 CTATAGTCGACTTTCTTGATATCGGTACCGAGCTCGGATCCACTAGTCACGGCCGCCAGT
 GTGCTGGAATTCGGCTTATGTTTTAATCTGTCTCTACTTCTTCAGAAAAATAATTAGTT
 GTTGACGAATCAGTCCTTAAGACCTTGCCGCTTACAATAAGTTTTATTGCCTTCCAAAC
 CATTGGTAAAAGAAAGCATAAATCATGGGGTTCATAGCTGATTTATAATAACACACCAA
 ACTAAAATCTCATAAACATAAGGAGGAGTTATAAAATTCATATAAGCATCAATCACTGCA
 TCAACGAGGTATGGTAGCCAAGATACAAGAAATGCTGCCATAGCAATCCCAATGTTTTG
 GCAGCCTTTCTCTCTCTTTTAGCTACTCTTTCTTGAACCTCTCTGAAGAAGACTGAGCT
 TGGCTGGCTGTACTTTCTATCTTCTAGCCTGATGCTTGGCCACCAAAAATATCTTACTG
 TATATAAACACCATGGCGACATTGGGTATAAAGAATAGAAGAAAACAAAGTCTGACCCAG
 TTTTGATTCACTGGAGCCTGGCAGCCTCCTACACAGGTTAGAGCAACTACTAATTCCTCA
 ATTCCTTCTTCGTTGGCTCCCGTGTAAGATCGAATAGCTGTCTGTGACAGACAAGAAC
 CAGCAAAGTACAGTGCATATCCCTGACACTGACACAGTANACTTGGTTGGATAGGTCAGG
 AGATCAGTAACAGCTATGTCTCTATCATCAGAGATACCGCCTATATGACATACAGTAGCA
 AAC

Restriction Sites:

Please inquire

ACCN:

NM_175057

Insert Size:

1050 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.
RefSeq:	NM_175057.2 , NP_778227.2
RefSeq Size:	1049 bp
RefSeq ORF:	792 bp
Locus ID:	134860
UniProt ID:	Q96RI9
Cytogenetics:	6q23.2
Protein Families:	Druggable Genome
Protein Pathways:	Neuroactive ligand-receptor interaction
Gene Summary:	TAAR9 is a member of a large family of rhodopsin G protein-coupled receptors (GPCRs, or GPRs). GPCRs contain 7 transmembrane domains and transduce extracellular signals through heterotrimeric G proteins.[supplied by OMIM, Jul 2005]