

Product datasheet for **RN208349**

Tcaim (NM_001110838) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tcaim (NM_001110838) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tcaim
Synonyms:	RGD1560717; TOAG-1; Toag1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN208349 representing NM_001110838
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTTGAAGCTGGCGTGCTTTTTCGGAAATGTTTTGCCACCTGAGGCCTTGGAGGAGTTCTGCCTGA
 GGAAGGTCTCCCTCCTTGGCTTCACTACTCTCGAGCTTTATCAGGGGCAGAAGCCATCAATGCCTTGAG
 GCCTTTCTACTTTGCAGTTCATCCTGATTTCTTTGGACAGCACCCAGGAAAGGAAAGTCAATGAAAAT
 TCTCTTAAGAGATTAAGTGTCTATTTAGAAAATCTCCAGAAAACAGGCTTCAAGTCTCTGAAACCAACTC
 AGCTTACATTTTATAAAGAGAAAAACAGCGCAGAATTCCTCTGAAGGACAGGAGCCTGTCAGTACTAC
 CGGATCCGAGCAGTCAGATTTACTTTGCACAGCAGCGATCTGCTAAGCACAGTATTATATATTCTCAAC
 TCCTGCAGTTTGCCTGTTGAACACGTCCAAAGCTTGAACACTAATGTGCATTCCAGCCTCTCAAGGAAG
 CTACAGGGATGCCTGACAGACCCATCAAATGGCATAGGTCCTATTATTCTTTACTGGGTTCAAGGACCC
 TGACGAAGACCTTGAACATGTCTCAAGAGTGAAACAACCCTCAGTCTGGTTAGGTAGCAATGGCAAA
 GGTGCTGTTAAAAAGCTGAAGAACAGTCTGCCACTTAGGAAGGAGCTGGATCGTCTCAAGAACGAGCTAT
 CTGAGCTTCTACAACGTGTCAGACATCAGGTGGCAGAGAGGCTGGGGAGTGCCTTCGCTGCAGCCAGCT
 ACATAGTCTTAGCCGCTAGCACAGCAGAATCTGGAGCCGCTTCAAGATGCAAAAGGGTGCACCATTGTA
 TTCACAGACCGCTCTGGTATGAGTGCAGTGGGCCACGTGATGCTGGGGACCATGGATGTCCACCATCACT
 GGACACGGCTTTTTGAAAGCTTGCCAAACTATTTTGACCTTCAGAGGAGAATGTCAGCCTTAGAAGACCA
 AATAAGCCATCTCCTAGGGGAAATCCAGGTGGTTTATATCGAAGAGCTGCAGCCTGCACTCACGCTGGAC
 GAGTATTACTCGCTCCTTGACACCTTCTACAACCAGCTGCAGCGGAGCAGGGCACCTCCCCGCCCTCAGA
 GTCTGAGTGGTTTGCAGATGATCCTCAGCAGGTATGCACCAAGCTTGCATGAAGTGGGATTTTAAATAT
 CCCAGCCCTCTCGGATCCAGCAAGCCTGCAGTCAATTTATGAGAACCAAGCCAGCAGGCAAGAGAAAAAT
 ATGAGAAGAAGAGAGAAGTTAAAAGTTATTGAAAATGAATTGATACAGGCTTCAACAAGGAAATTTTCTC
 TGGAGAAGTTATAAAGAACCAGCATTTCTAGTAGACAGATGGTAGATTGCTGTAAGAGACTTCTAGA
 ACAGTCGCTGCCTTATCTGCATGGGATGCACCTGTGTGTTTACATTTCTATTCTGTTATGCAAGATGGA
 GACCTGTGCATCCATGGAAGTGGAAAGAAAGGAGAAGCCATGAAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001110838
- Insert Size:** 1518 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: [NM_001110838.1](#), [NP_001104308.1](#)

RefSeq Size: 1789 bp

RefSeq ORF: 1518 bp

Locus ID: 363169

UniProt ID: [P0DKR2](#)

Cytogenetics: 8q32

Gene Summary: May regulate T-cell apoptosis.[UniProtKB/Swiss-Prot Function]