

Product datasheet for **SC335553**

C3orf23 (TCAIM) (NM_001282914) Human Untagged Clone

Product data:

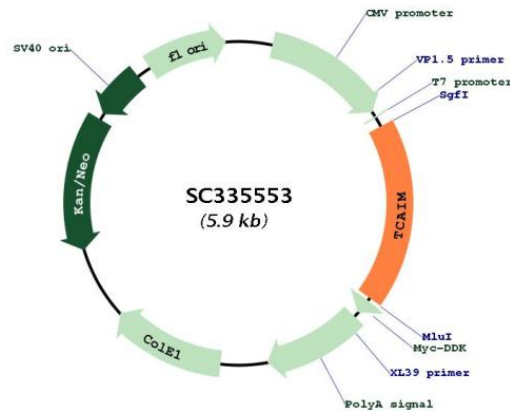
Product Type:	Expression Plasmids
Product Name:	C3orf23 (TCAIM) (NM_001282914) Human Untagged Clone
Tag:	Tag Free
Symbol:	TCAIM
Synonyms:	C3orf23; TOAG-1; TOAG1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335553 representing NM_001282914. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC CGGATCGCC
ATGCATACCCAGCCTCTCAAAGAAGCTAAAAGGATGCCTGACAGGCCCATCAAATGGGACAAGTCTTAT
TACTCCTTTACTGGATTCAAGGACCCTGATGAAGACCTGAACAAGTCTCGAGAGTGAAACAACCTC
ACATCCTGGTTAGATAACAATGGGAAAAGTGCTGTTAAAAGCTAAAGAACAGTTTGCCACTTAGAAAA
GAACTAGATCGTTTAAAAGATGAACTGTCTCATCAATTGCAACTCTCAGATATCAGGTGGCAGAGGAGC
TGGGGCATCGCCACCGCTGTAGCCAGCTGCATAGTTAAGCCGCTTAGCACAGCAGAATTTGAAAACA
CTTAAAAAAGCAAAGGGTGTACAATCATATTTACAGACCGTTCTGGCATGAGTGCAGTGGCCATGTG
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CTTCAGAGGAGGCTGATGATTTTAGAAGACCAAATAAGCTATCTTTAGGTGGCATAACAAGTTGTTAT
ATTGAAGAATTACAGCCAGTATTGACACTTGAAGAATATACTCTCTTCTTGATGTGTTTATAATAGA
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AGATATGCTCCAAGCTTGCATGAACTCGGGCATTTAATATTCCAACACTCTGTGATCCAGCAAATCTC
CAGTGGTTTATTCTACCAAAGCTCAGCAGGCAAGAGAGAACATGAAAAGAAAGGAGGTTAAAGGTT
ATTGAAAATGAATTGATACAGGCATCAACAAAGAAATTTCTTTGGAGAAGTTATATAAAGAGCCCAGC
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ATGCACCTCTGCATTTACATTTTACTCTGTTATGCAAGATGGAGACCTTTGTATTCTTGGAAATTGG
AAGAATGGAGAAGCCATTAAGTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001282914

Insert Size: 1059 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_001282914.1](#)

RefSeq Size: 3626 bp

RefSeq ORF: 1059 bp

Locus ID: 285343

UniProt ID: [Q8N3R3](#)

Cytogenetics: 3p21.31

MW: 41.3 kDa

Gene Summary:

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

Transcript Variant: This variant (5) differs in its 5' UTR, and initiates translation at a downstream start codon, compared to variant 1. The encoded isoform (3) has a shorter N-terminus, compared to isoform 1. Both variants 5 and 6 encode the same isoform.