

Product datasheet for **SC123619**

TIA1 (BC015944) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TIA1 (BC015944) Human Untagged Clone
Tag:	Tag Free
Symbol:	TIA1
Synonyms:	TIA-1; WDM
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC015944 edited GGCGCCGCCGCGACAGCAGCAGCCATGGAGGACGAGATGCCCAAGACTCTATACGTCGGT AACCTTTCCAGAGATGTGACAGAAGCTCTAATTCTGCAACTCTTAGCCAGATTGGACCT TGTA AAAA ACTGCAAAATGATTATGGATACAGCTGGAAATGATCCCTATTGTTTTGTGGAG TTTCATGAGCATCGTCATGCAGCTGCAGCATTAGCTGCTATGAATGGACGGAAGATAATG GGTAAGGAAGTCAAAGTGAATTGGGCAACAACCCCTAGCAGTCAAAAGAAAGATACAAGC AGTAGTACCGTTGTCAGCACACAGCGTTCACAAGATCATTCCATGTCTTTGTTGGTGAT CTCAGCCCAGAAATTACAACGAAGATATAAAAGCTGCTTTTGCACCATTGGAAGAATA TCAGATGCCCGAGTGGTAAAAGACATGGCAACAGGAAAGTCTAAGGGATATGGCTTTGTC TCCTTTTTCAACAAATGGGATGCTGAAAACGCCATTCAACAGATGGGTGGCCAGTGGCTT GGTGAAGACAAATCAGAACTAACTGGGCAACCCGAAAGCCTCCCGCTCCAAAGAGTACA TATGAGTGTAGGTGATTGGAGAAGAAAAGGAAATGTGGAATTTTGGAGAAAAATACGCT AGATTTTAAATGTTAGAGCTGTTCCCGGAGACTTATTGCAGAAATAGATGAGAAGCAAAT CAAGACTACTATTCAAAAATGTACTTAGTTTTTCATTTTTGTAATTATAAATAATATTATT TCTAATGTCAAGTCTCCTATTAATAGAAAATACTGGGTAAAAAAAAAAAAAAAA



[View online »](#)

5' Read Nucleotide Sequence:	>OriGene 5' read for BC015944 unedited NNGGTCAGAAATTTGTATACGACTCATATAGGCGGCCGCGNAATCCCGGGATATCGTCGAC CCACGCGTCCGGGCGCCGCCGACAGCAGCAGCCATGGAGGACGAGATGCCAAGACTC TATACGTCGGTAACCTTTCCAGAGATGTGACAGAAGCTCTAATTCTGCAACTCTTTAGCC AGATTGGACCTTGTAAAACTGCAAAATGATTATGGATACAGCTGGAAATGATCCCTATT GTTTTGTGGAGTTTCATGAGCATCGTCATGCAGCTGCAGCATTAGCTGCTATGAATGGAC GGAAGATAATGGGTAAGGAAGTCAAAGTGAATTGGGCAACAACCCCTAGCAGTCAAAGA AAGATACAAGCAGTAGTACCGTTGTGACACACAGCGTTTACAAGATCATTTCCATGTCT TTGTTGGTGATCTCAGCCAGAAATTACAACCTGAAGATATAAAAAGCTGCTTTTGACCAT TTGGAAGAATATCAGATGCCCGAGTGGTAAAAGACATGGCAACAGGAAAGTCTAAGGGAT ATGGCTTTGTCTCCTTTTCAACAAATGGGATGCTGAAAACGCCATTCAACAGATGGGTG GCCAGTGGCTTGGTGAAGACAAATCAGAACTAACTGGGCAACCCGAAAGCCTCCCGCTC CAAAGAGTACATATGAGTGTAGGTGATTGGGAGAAGAAAAGGAAATGTGGAATTTGGG AGAAAAATACGCTAGATTTTAAATGTTAGAGCTGTTCCCGGAGACTTATTGCAGAAATAG ATGAGAAGCANATCAAGACTACTATTCAAAAATGTAAGTTTNTCATTTTTGTAAATAT AAATAATTATTCTAATGTCAAGTCTCTATTAATAGAAAATACTGGGTAAAAAAA AAAAAGGGCNGCCGNGTCATAGCTGTTTCTGAACGATCCCG
Restriction Sites:	Please inquire
ACCN:	BC015944
Insert Size:	834 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:	BC015944.1 , AAH15944.1
RefSeq Size:	834 bp
Locus ID:	7072
Cytogenetics:	2p13.3
Protein Families:	Druggable Genome

Gene Summary:

The product encoded by this gene is a member of a RNA-binding protein family and possesses nucleolytic activity against cytotoxic lymphocyte (CTL) target cells. It has been suggested that this protein may be involved in the induction of apoptosis as it preferentially recognizes poly(A) homopolymers and induces DNA fragmentation in CTL targets. The major granule-associated species is a 15-kDa protein that is thought to be derived from the carboxyl terminus of the 40-kDa product by proteolytic processing. Alternative splicing resulting in different isoforms has been found for this gene. [provided by RefSeq, May 2017]