

Product datasheet for MC217759

Tia1 (BC023813) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tia1 (BC023813) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tia1
Synonyms:	2310050N03Rik; AI256674; mTIA-1; TIA-1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>BC023813 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGGACGAGATGCCAAGACTCTACGTCGGTAACCTTTCTCGAGATGTGACAGAAGCTCTCATCC
TCCAGCTCTTTAGCCAGATTGGACCTTGTAAAACTGCAAAATGATTATGGATACAGCAGGAAATGACCC
ATACTGTTTTGTGGAGTCCATGAGCACCGTCATGCAGCTGCAGCCCTGGCTGCCATGAATGGGCGGAAG
ATAATGGGTAAGGAAGTAAAGTGAATTGGGCAACAACCCCTAGCAGTCAAAGAAGGATACGAGCAATC
ATTTCCATGTGTTTTGTTGGTACCTCAGTCCAGAAATCAACAACCGAAGACATCAAAGCAGCGTTTGACC
ATTTGGAAGAATTTAGATGCCCGTGTGGTAAAAGACATGGCTACCGGGAAGTCTAAGGGATATGGCTTT
GTCTCCTTTTTCAACAAATGGGATGCAGAAAAATGCCATTCCAGCAGATGGGTGGCCAGTGGCTTGGTGAA
GACAAATCAGAATAACTGGGCAACCCGAAAGCCTCCAGCTCCAAAGAGTACATATGAGTCGAACACCAA
ACAGCTGTCATATGATGAGGTTGTGAGTCAGTCTAGTCCCAACAACCTGCACTGTGTACTGTGGAGGGTG
ACGTCAGGACTGACAGAACAATAATGCGTCAGACTTTTTCTCCATTTGGACAAAATATGAAATTCGAG
TCTTCCAGATAAAGGATACTCATTTGTTGTCGTCAGACCCAGTCTTCTGCACCGTGGATGGGACCCAATTA
CAGTGTGCCACCACCTCAAGGGCAGAATGGCAGCATGTTGCCCTAGTCAGCCTGCTGGGTATCGAGTGCC
GGGTATGAAACCCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	BC023813
Insert Size:	858 bp



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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:	<u>BC023813</u> , <u>AAH23813</u>
RefSeq Size:	1455 bp
RefSeq ORF:	857 bp
Locus ID:	21841
Cytogenetics:	6 D1
Gene Summary:	Involved in alternative pre-RNA splicing and regulation of mRNA translation by binding to AU-rich elements (AREs) located in mRNA 3' untranslated regions (3' UTRs). Possesses nucleolytic activity against cytotoxic lymphocyte target cells. May be involved in apoptosis (By similarity). [UniProtKB/Swiss-Prot Function]