

## Product datasheet for **MC200676**

### Tinagl (BC018539) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tinagl (BC018539) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tinagl
Synonyms:	1110021J17Rik; Arg1; AZ-1; AZ1; Lcn7; TARP; Tinagl
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC018539  
 GCAGTCTCGAGCTTGGAGGCGGAGGCGCGCAGGGCAGCCTGGGTCCAGCCCACACCCCTCACCAGGAGGC  
 ACCATGTGGGGATGTTGGCTGGGGCTGCTTTGCTGCTGCTGGCTGGCCAGGCTGCCCTGGAGGCCCGGC  
 GGAGTCGTTGGCGCAGGGAGCTGGCGCCAGGGCTGCACCTGCGGGGCATCCGGGACGCCGGTGGCAGATA  
 CTGCCAAGAGCAGGACATGTGCTGTGAGGCGGTGCTGACGAGTGTGCCCTGCCCTACCTGGGAGCCACC  
 TGTTACTGTGACCTCTTCTGCAACCGCACCGTCTCTGACTGTGCCCCGACTTCTGGGACTTCTGCCTCG  
 GGATCCACCCCTTCCCTCCCGTCCAAGGGTGCATGCATGGGGGCCGGATCTACCCAGTCTTCGGAAC  
 CTACTGGGACAACCTGCAATCGATGCACCTGCCATGAGGGAGGGCATTGGGAGTGCCAGCAGGAGCGTGT  
 CTAGTGGACCCAGACATGATTAAGCCATCAACCGAGGCAACTACGGGTGGCAGGCTGGGAACCACAGTG  
 CCTTCTGGGGCATGACCCTGGATGAGGGCATTGCTACCGCTGGGCACAATCCGCCATCCTCCACTGT  
 CATGAATATGAATGAGATTTATACGGTGTGGGCCAAGGGGAAGTGTACCCACTGCCTTTGAAGCTTCA  
 GAGAAGTGGCCCAACCTGATCCACGAGCCATTGGACCAGGGCAATTGTGCAGTTCTGGGCTTTCTCCA  
 CAGCAGCTGTGCATCTGATCGCGTCTATCCATTCTTGGGACACATGACACCCATCCTATCACCGA  
 AAACCTGTGTCCTGTGATACCCACCACCAGCAGGGCTGCCGAGGTGGGCGTCTTGATGGCGCTTGGTGG  
 TTCTGCGGGCGCGGGGTGGTGTCTGACAACCTGTTACCCATTCTCCGGCGTGAGCAGAACGAGGCCA  
 GCCCACTCCTCGTTGTATGATGCACAGCGCGCCATGGGGCGGGCAAGCGCCAAGCCACTTCCGCTG  
 CCCAATGGTCAGTTGATTCCAACGACATCTACCAGGTACGCCTGCCTACCGCTGGGCTCTGATGAG  
 AAGGAGATCATGAAGGAGCTAATGGAAAACGGCCCTGTTCAAGCACTCATGGAAGTACACGAGGACTTCT  
 TCTTGTACCAGCGTGGCATCTACAGCCACACACCTGTAAGCCAGGGGAGGCCGGAGCAGTACCGCAGACA  
 TGGGACTCACTCAGTCAAGATCACTGGGTGGGGAGAAGAGACGCTGCCAGACGGAAGGACCATTAAAGTAC  
 TGGACTGCTGCCAACTCGTGGGGCCATGGTGGGGTGAGAGGGGCCACTCCGGATCGTGCCTGGCACCA  
 ACGAGTGCACATCGAGACCTTCGTGCTGGGCGTCTGGGGTCCGCTGGGAATGGAGGACATGGGGCACCA  
 CTGAGTCTCAGCCACTAGGCGAGGTGGATCCACAGCCACAGAAGAGGCCCTGGGGCCATGCCCGATGA  
 AGCCTTGTGTGCACTCCGGGACCAGGTGCTAATCTCTACAGACTCAGATCCGCGCGTGCCGCTAAGGCA  
 GAATCCCACCTAGGAGACAAAGATGCACCAAGGCTGGCGGAAGCCCCAGATATCAGCCGGAAGTGGGA  
 AGGGCCCTGTTTGGAACTGCAGGGAGTATAGACAGATTCCAGGTCCCTGGTCAGCCAGGCCAAGACCAC  
 AGGAGCTAAGACACCCCAACCTCATCACCCTCCTACCCACCTCTCTCATCTTCTTTTGTGAATTC  
 TGTCCATCTCCCTAGCCTCCATTTTGGTTGTACCTTTCCATTCTCAGTACTGCTTTCTTATTCTTTAAAG  
 ATATTTATTTTTCTTTTCATTAATAAAACCAAAAGTATTGATAAAAAAAAAAAAAAAAAAAAAAAAAAAAA A

**Restriction Sites:** RsrII-NotI

**ACCN:** BC018539

**Insert Size:** 1401 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:	<u>BC018539</u> , <u>AAH18539</u>
RefSeq Size:	1961 bp
RefSeq ORF:	1401 bp
Locus ID:	94242
Cytogenetics:	4 D2.2
Gene Summary:	May be implicated in the adrenocortical zonation and in mechanisms for repressing the CYP11B1 gene expression in adrenocortical cells. This is a non catalytic peptidase C1 family protein.[UniProtKB/Swiss-Prot Function]