

## Product datasheet for **SC324049**

### **TINAGL1 (NM\_022164) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	TINAGL1 (NM_022164) Human Untagged Clone
Tag:	Tag Free
Symbol:	TINAGL1
Synonyms:	ARG1; LCN7; LIECG3; TINAGRP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_022164.1  
 CCGGCGGTGCGAGCCAGGAGGCGGAGGCGCGGGCCAGCCTGGGCCCCAGCCACAC  
 CTTACCAGGGGCCAGGAGCCACCATGTGGCGATGTCCACTGGGGCTACTGCTGTTGCTG  
 CCGCTGGCTGGCCACTTGGCTCTGGGTGCCAGCAGGGTCTGGGCGCCGGGAGCTAGCA  
 CCGGGTCTGCACCTGCGGGGCATCCGGGACGCGGGAGGCCGGTACTGCCAGGAGCAGGAC  
 CTGTGCTGCCCGGGCCGTGCCGACGACTGTGCCCTGCCCTACCTGGGCGCCATCTGTTAC  
 TGTGACCTCTTCTGCAACCCGACGGTCTCCGACTGCTGCCCTGACTTCTGGGACTTCTGC  
 CTCGGCGTGCCACCCCTTTTCCCGATCCAAGGATGTATGCATGGAGGTCGTATCTAT  
 CCACTTGGGAACGTAAGTGGGACAACGTAACCGTTGCACCTGCCAGGAGAACAGGCAG  
 TGGCAGTGTGACCAAGAACCATGCCTGGTGGATCCAGACATGATCAAAGCCATCAACCAG  
 GGCAACTATGGCTGGCAGGCTGGGAACCACAGCGCCTTCTGGGGCATGACCCTGGATGAG  
 GGCATTGCTACCGCTGGGCACCATCCGCCATCTTCTCGGTCATGAACATGCATGAA  
 ATTTATACAGTGTGAACCCAGGGGAGGTGCTTCCACAGCCTTCGAGGCCTCTGAGAAG  
 TGGCCCAACCTGATTCATGAGCCTTTGACCAAGGCAACTGTGCAGGCTCCTGGGCCTTC  
 TCCACAGCAGCTGTGGCATCCGATCGTGTCTCAATCCATTCTCTGGGACACATGACGCT  
 GTCTGTGCGCCCAAGAACCTGTGTCTTGTGACACCCACCAGCAGCAGGGCTGCCGCGGT  
 GGGCGTCTCGATGGTGCCTGGTGGTTCCTGCGTGCAGGGGTTGGTGTCTGACCACTGC  
 TACCCCTTCTCGGGCCGTGAACGAGACGAGGCTGGCCCTGCGCCCCCTGTATGATGCAC  
 AGCCGAGCCATGGGTCCGGGCAAGCGCCAGGCCACTGCCACTGCCCAACAGCTATGTT  
 AATAACAATGACATCTACCAGGTCACCTCTGTCTACCGCTCGGCTCCAACGACAAGGAG  
 ATCATGAAGGAGCTGATGGAGATGGCCCTGTCCAAGCCCTCATGGAGGTGCATGAGGAC  
 TTCTTCTATAACAAGGGAGGCATCTACAGCCACACGCCAGTGAGCCTGGGAGGCCAGAG  
 AGATACCGCCGGCATGGGACCCACTCAGTCAAGATCACAGGATGGGGAGAGGAGACGCTG  
 CCAGATGGAAGGACGCTCAAATACTGGACTGCGGCCAACTCCTGGGGCCAGCCTGGGGC  
 GAGAGGGGCCACTTCCGATCGTGCAGCGCTCAATGAGTGCACATCGAGAGCTTCGTG  
 CTGGGCGTCTGGGGCCGCGTGGGCATGGAGACATGGGTCACTGAGGCTGCGGGCAC  
 CACGCGGGTCCGGCCTGGGATCCAGGCTAAGGGCCGGCGGAAGAGGCCCAATGGGGCG  
 GTGACCCAGCCTCGCCGACAGAGCCGGGGCGCAGGCGGGCCAGGGCGCTAATCCC  
 GGGCGGGTTCGGCTGACGCAGCGCCCGCTGGGAGCCGCGGCAGGCGAGACTGGCGG  
 AGCCCCAGACCTCCCAGTGGGACGGGCAGGGCCTGGCCTGGGAAGAGCACAGCTGCA  
 GATCCCAGGCCTCTGGCAGCCCACTCAAGACTACCAAAGCCAGGACACCTCAAGTCTCC  
 AGCCCCACTACCCACCCCACTCCTGTATTCTTTTTTTTTTTTTTTAGACAGGGTCTTG  
 CTCGGTTGCCAGGTTGGAGTGCAGTGGCCATCAGGGCTCACTGTAACCTCCGACTCCT  
 GGGTTCAAGTACCCCTCCACCTCAGCCTCAAGTAGCTGGGACTACAGGTGCACCACC  
 ACACCTGGCTAATTTTTGTATTTTTGTAAAGAGGGGGTCTCACTGTGTTGCCAGGCT  
 GGTCTCGAACTCTGGGCTCAAGCGGTCCACCTGCCTCCGCTCCCAAAGTGTGGGATT  
 GCAGGCATGAGCCACTGCACCCAGCCCTGTATTCTTATTCTTTCAGATATTTATTTTCTT  
 TTCACTGTTTTAAAATAAAACCAAAGTATTGATAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
 AAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** ECoRI-NOT

**ACCN:** NM\_022164

**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).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_022164.1</a></u> , <u><a href="#">NP_071447.1</a></u>
<b>RefSeq Size:</b>	2177 bp
<b>RefSeq ORF:</b>	1404 bp
<b>Locus ID:</b>	64129
<b>UniProt ID:</b>	<u><a href="#">Q9GZM7</a></u>
<b>Cytogenetics:</b>	1p35.2
<b>Domains:</b>	Pept_C1
<b>Protein Families:</b>	Druggable Genome, Protease, Secreted Protein
<b>Gene Summary:</b>	<p>The protein encoded by this gene is similar in sequence to tubulointerstitial nephritis antigen, a secreted glycoprotein that is recognized by antibodies in some types of immune-related tubulointerstitial nephritis. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2011]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>