

Product datasheet for **SC126521**

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:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC126521 sequence for NM_022164 edited (data generated by NextGen Sequencing)

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ATGTGGCGATGTCCACTGGGGCTACTGCTGTTGCTGCCGCTGGCTGGCCACTTGGCTCTG
GGTGCCACAGCAGGGTCTGTGGGCGCCGGGAGCTAGCACCGGGTCTGCACCTGCGGGGCATC
CGGGACGCGGGAGGCCGTACTGCCAGGAGCAGGACCTGTGCTGCCGCGGCCGTGCCGAC
GACTGTGCCCTGCCCTACCTGGGCGCCATCTGTTACTGTGACCTTTCTGCAACCGCAGC
GTCTCCGACTGCTGCCCTGACTTCTGGGACTTCTGCCCTCGGCGTGCCACCCCTTTTCCC
CCGATCCAAGGATGTATGCATGGAGTCTGTATCTATCCAGTCTTGGGAACGTACTGGGAC
AACTGTAACCGTTGCACCTGCCAGGAGAACAGGCAAGTGGCAGTGTGACCAAGAACCATGC
CTGGTGGATCCAGACATGATCAAAGCCATCAACCAGGGCAACTATGGCTGGCAGGCTGGG
AACCACAGCGCTTCTGGGGCATGACCCTGGATGAGGGCATTGCTACCGCTGGGCACC
ATCCGCCATCTTCTCGGTGATGAACATGCATGAAATTTATACAGTGTGAACCCAGGG
GAGGTGCTTCCACAGCCTTCCGAGGCTCTGAGAAAGTGGCCAACTGATTCATGAGCCT
CTTGACCAAGGCAACTGTGCAGGCTCCTGGGCTTCTCCACAGCAGCTGTGGCATCCGAT
CGTGTCTCAATCCATTCTCTGGGACACATGACGCTGTCTGTGCCCCAGAACCTGCTG
TCTTGTGACACCCACCAGCAGCAGGGCTGCCGCGTGGGCGTCTCGATGTTGCTGGTGG
TTCTGCTGCGCGAGGGGTGGTGTCTGACCACTGCTACCCCTTCTCGGGCCGTGAACGA
GACGAGGCTGGCCCTGCGCCCCCTGTATGATGCACAGCCGAGCCATGGGTGGGGCAAG
CGCCAGGCCACTGCCACTGCCCAACAGCTATGTTAATAACAATGACATCTACCAGGTC
ACTCTGTCTACCGCTCGGCTCCAACGACAAGGAGATCATGAAGGAGCTGATGGAGAAT
GGCCCTGTCCAAGCCCTCATGGAGGTGCATGAGGACTTCTTCTATACAAGGGAGGCATC
TACAGCCACACGCCAGTGAAGCTTGGGAGGCCAGAGAGATACCGCCGGCATGGGACCCAC
TCAGTCAAGATCACAGGATGGGGAGAGAGAGCTGCCAGATGGAAGGACGCTCAAATAC
TGGACTGCGGGCAACTCCTGGGGCCAGCCTGGGCGAGAGGGGCCACTTCCGCATCGTG
CGGCGGTCAATGAGTGCACATCGAGAGCTTCTGTCTGGGCGTCTGGGGCCGCTGGGG
ATGGAGGACATGGGTCACTACTGA

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Clone variation with respect to NM_022164.2

5' Read Nucleotide Sequence: >OriGene 5' read for NM_022164 unedited

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CCCCCGGGGGNNNNNNNNCCCNNNNNNNNNCCNCCNCCNCCNCCNCCNCCNCCNCCGTTCAAAT
TTGTNAAACAACCTCTATAGGCGGCCGCGNATATCGCACAGCGGGCCAGCCTGGGCCCC
AGCCACACCTTACCAGGGCCAGGAGCCACCATGTGGCGATGTCCACTGGGGCTACTG
CTGTTGCTGCCGCTGGCTGGCCACTTGGCTCTGGGTGCCAGCAGGGTCTGGGCGCCGG
GAGCTAGCACCGGGTCTGCACCTGCGGGGCATCCGGGACGCGGGAGGCGGTACTGCCAG
GAGCAGGACCTGTGCTGCCGCGCCGTGCCGACACTGTGCCCTGCCCTACCTGGGCGCC
ATCTGTTACTGTGACCTTCTGCAACCGCACGGTCTCCGACTGCTGCCCTGACTTCTGG
GACTTCTGCCTCGGCGTGCCACCCCTTTTCCCGCATCCAAGGATGTATGCATGGAGGT
CGTATCTATCCAGTCTTGGGAACGTACTGNGACAACGTAAACCGTTGCACCTGCCAGGAG
AACAGGCAAGTGGCAGTGTGACCAAGAACCATGCCTGGTGGATCCAGACATGATCAAAGCC
ATCAACCAGGGCAACTATGGCTGGCAGGCTGGGAACCACAGCGCTTCTGGGGCATGACC
CTGGATGAGGGCATTGCTACCGNCTGGGCACCATCCGCCATCTTCTCGGTGATGAAC
ATGCATGAAATTTATACAGTGTGAACCCAGGGAGGTGCCTCCACAGCCTTCCAGGCC
TCTGAGAAATGCCAACCTGAATCATGAGCCTTGTGACCAAGCAACTGTGCAGGCTTCTT
GGGCTTTCTCCAAGCAGCTGTGGCATCCGATCGTGGCTTCAATCATTCTTGGGACACAT
GAGCCTGTCTGTGCCCCAAACCTGCTGGCTTGTGAACACCACAACAACAGGCCTGCC
CGGTGGGCGTCTTCATGGGGCCGGGGTTC

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Restriction Sites: ECoRI-NOT
ACCN: NM_022164
Insert Size: 2500 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:	NM_022164.1 , NP_071447.1
RefSeq Size:	2177 bp
RefSeq ORF:	1404 bp
Locus ID:	64129
UniProt ID:	Q9GZM7
Cytogenetics:	1p35.2
Domains:	Pept_C1
Protein Families:	Druggable Genome, Protease, Secreted Protein
Gene Summary:	<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>