

Product datasheet for **SC331575**

TINAGL1 (NM_001204414) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: TINAGL1 (NM_001204414) Human Untagged Clone
Tag: Tag Free
Symbol: TINAGL1
Synonyms: ARG1; LCN7; LIECG3; TINAGRP
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC331575 representing NM_001204414.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGTGGCGATGTCCACTGGGGCTACTGCTGTTGCTGCCGCTGGCTGGCCACTTGGCTCTGGGTGCCAG
CAGGGTCGTGGGCGCGGGAGCTAGCACCGGTCTGCACCTGCGGGGCATCCGGGACGCGGGAGGCCGG
TACTGCCAGGAGCAGGACCTGTGCTGCCGCGCCGTGCCGACGACTGTGCCCTGCCCTACCTGGGCGCC
ATCTGTTACTGTGACCTTTCTGCAACCGCACGGTCTCCGACTGTGCCCTGACTTCTGGGACTTCTGC
CTCGGCGTGCCACCCCTTTTCCCCGATCCAAGGATGTATGCATGGAGGTCGTATCTATCCAGTCTTG
GGAACGTAAGTGGGACAAGTGAACCGTTGCTGGCAGGCTGGGAACCACAGCGCCTTCTGGGGCATGACC
CTGGATGAGGGCATTGCTACCGCCTGGGCACCATCCGCCCATCTTCTCGGTGATGAACATGCATGAA
ATTTATACAGTGTGAACCCAGGGGAGGTGCTTCCACAGCCTTCGAGGCCTCTGAGAAGTGGCCCAAC
CTGATTCATGAGCCTCTTGACCAAGGCAACTGTGCAGGCTCCTGGGCCTTCTCCACAGCAGCTGTGGCA
TCCGATCGTGTCTCAATCCATTCTGCGGACACATGACGCCTGTCTGTCGCCCCAGAACCTGCTGTCT
TGTGACACCCACCAGCAGCAGGGCTGCCGCGTGGGCGTCTCGATGGTGCCTGGTGGTTCCTGCGTCGC
CGAGGGGTGGTGTCTGACCACTGCTACCCCTTCTCGGGCCGTGAACGAGACGAGGCTGGCCCTGCGCCC
CCCTGTATGATGCACAGCCGAGCCATGGGTGCGGGCAAGCGCCAGGCCACTGCCACTGCCCAACAGC
TATGTTAATAACAATGACATCTACCAGTCACTCCTGTCTACCGCCTCGGCTCCAACGACAAGGAGATC
ATGAAGGAGCTGATGGAGAATGGCCCTGTCCAAGCCCTCATGGAGGTGCATGAGGACTTCTTCTATAC
AAGGGAGGCATCTACAGCCACACGCCAGTGTGAGCCTTGGGAGGCCAGAGAGATACCGCCGGCATGGGACC
CACTCAGTCAAGATCACAGGATGGGGAGAGGAGACGCTGCCAGATGGAAGGACGCTCAAATACTGGACT
GCGGCCAACTCCTGGGGCCAGCCTGGGGCGAGAGGGGCCACTTCCGCATCGTGCAGCGCGTCAATGAG
TGCACATCGAGAGCTTCGTGCTGGGCGTCTGGGGCCGCGTGGGCATGGAGGACATGGGTATCACTGA
  
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Restriction Sites: SgfI-MluI
ACCN: NM_001204414
Insert Size: 1311 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:	NM_001204414.1
RefSeq Size:	2159 bp
RefSeq ORF:	1311 bp
Locus ID:	64129
UniProt ID:	Q9GZM7
Cytogenetics:	1p35.2
Protein Families:	Druggable Genome, Protease, Secreted Protein
MW:	48.8 kDa
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 (2) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1.</p>