

Product datasheet for **SC329752**

TINAGL1 (NM_001204415) Human Untagged Clone

Product data:

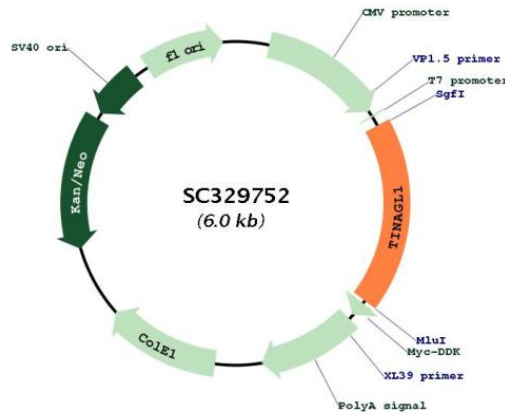
Product Type: Expression Plasmids
Product Name: TINAGL1 (NM_001204415) Human Untagged Clone
Tag: Tag Free
Symbol: TINAGL1
Synonyms: ARG1; LCN7; LIECG3; TINAGRP
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC329752 representing NM_001204415.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGCATGGAGGTCGTATCTATCCAGTCTTGGGAACGTAAGTGTAAACCGTTGCACCTGCCAG
GAGAACAGGCAGTGGCAGTGTGACCAAGAACCATGCCTGGTGGATCCAGACATGATCAAAGCCATCAAC
CAGGGCAACTATGGCTGGCAGGCTGGGAACCACAGCGCCTTCTGGGGCATGACCCCTGGATGAGGGCATT
CGCTACCGCTGGGCACCATCCGCCATCTTCTCGGTGCATGAACATGCATGAAATTTATACAGTGCTG
AACCCAGGGGAGGTGCTTCCACAGCCTTCGAGGCCTCTGAGAAGTGGCCCAACCTGATTCATGAGCCT
CTTGACCAAGGCAACTGTGCAGGCTCCTGGGCCTTCTCCACAGCAGCTGTGGCATCCGATCGTGTCTCA
ATCCATTCTCTGGGACACATGACGCCTGTCTGTGCGCCCAAGCCTGTGTCTTGTGACACCCACCAG
CAGCAGGGCTGCCGCGGTGGGCGTCTCGATGGTGCCTGGTGGTTCCTGCGTCGCCGAGGGGTGGTGTCT
GACCACTGCTACCCCTTCTCGGGCCGTGAACGAGACGAGGCTGGCCCTGCCGCCCTGTATGATGCAC
AGCCGAGCCATGGGTGGGGCAAGCGCCAGGCCACTGCCACTGCCCAACAGCTATGTTAATAACAAT
GACATCTACCAGTCACTCCTGTCTACCGCCTCGGCTCCAACGACAAGGAGATCATGAAGGAGCTGATG
GAGAATGGCCCTGTCCAAGCCCTCATGGAGGTGCATGAGGACTTCTTCTATAACAAGGGAGGCATCTAC
AGCCACACGCCAGTGAGCCTTGGGAGGCCAGAGAGATACCGCCGGCATGGGACCCACTCAGTCAAGATC
ACAGGATGGGGAGAGGAGACGCTGCCAGATGGAAGGACGCTCAAATACTGGACTGCGGCCAACTCCTGG
GGCCAGCCTGGGGCGAGAGGGGCCACTTCCGCATCGTGC GCGGCGTCAATGAGTGCGACATCGAGAGC
TTCGTGCTGGGCGTCTGGGGCCGCTGGGCATGGAGGACATGGGTCACTACTGA
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001204415

Insert Size: 1089 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: [NM_001204415.1](#)

RefSeq Size: 1860 bp

RefSeq ORF:	1089 bp
Locus ID:	64129
UniProt ID:	<u>Q9GZM7</u>
Cytogenetics:	1p35.2
Protein Families:	Druggable Genome, Protease, Secreted Protein
MW:	40.9 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 (3) differs in the 5' UTR and coding sequence compared to variant 1. The resulting isoform (3) is shorter at the N-terminus compared to isoform 1.</p>