

Product datasheet for **SC321142**

TINAG (NM_014464) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TINAG (NM_014464) Human Untagged Clone
Tag:	Tag Free
Symbol:	TINAG
Synonyms:	TIN-AG
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_014464.2
 GAAGTATACTCATTCAAGTAAAGGATCAGTTTCAGGGTTCAGGCTGAAGTGTCTTAATGA
 CTAGAATTCAGGTTCCAAGGAGAAGCCACAAGGCTAAGGGTATTGGATATAACGGAAAG
 TGGAAAGCTATACCTGACTTCCAGAGAATGTGGACCGGATATAAGATCTTAATCTTCTCTT
 ATCTTACTACAGAAATCTGGATGGAGAAGCGGTATTTATCTCAAAGAGAAGTGGACCTAG
 AGGCTTATTTCACTAGGAATCACACCGTTTTGCAAGGTAAGTCTGATTCAAAAGAGCCATTT
 TCCAAGGGCAATACTGTAGAAATTTTGGCTGTTGTGAAGACAGAGATGATGGCTGTGCA
 CTGAGTTCTATGCGGCGAATGCGTTGTGCTACTGTGATAAATTCTGTGACAGAGAAAATT
 CTGATTGCTGTCCTGACTACAAGTCCTTTTGCCGTGAAGAGAAAAGTGGCTCCTCACA
 CACAGCCTTGGTATCCAGAAGGTTGCTTCAAAGATGGTCAACATTATGAAGAGGGATCAG
 TAATTAAGAAAAGTGAACCTCCTGCACATGCTCAGGACAGCAATGAAAATGTTCCACGC
 ATGATATGCTTGTTCGTTTCAAGATTAATTGAACAGGTCAATAAAGGAGACTATGGATGGA
 CAGCACAGAAATACAGCCAATTTTGGGGAATGACTTTAGAAGATGGTTTTAAATTTCCGC
 TTGGCACTTTGCCACCTAGTCTCATGCTCCTGAGCATGAATGAAATGACAGCTTCTTTAC
 CTGCAACAACCTGATCTTCCAGAGTTTTTTGTTGCTTCTATAAAATGGCCTGGATGGACTC
 ATGGCCCATTTGGATCAAAAAAATTTGTGCTGCATCCTGGGCATTTTCCACTGCAAGTGTGG
 CTGCTGACCGAATAGCAATTCAGTCTAAGGGTCGATACACGGCCAATCTATCCCCCTCAGA
 ATTTGATCTCTTGTGTCGAAGAACCGTCATGGATGCAATAGTGAAGCATCGATAGGG
 CTTGGTGTACCTGAGAAAACGTGGACTGGTATCCACGCATGCTACCCACTTTTCAAAG
 ACCAAAATGCTACCAACAATGGATGTGCCATGGCAAGCAGGTCTGATGGGCGAGGAAAAC
 GGCATGCCACGAAGCCATGTCCCAACAACGTAGAAAAATCTAACAGGATCTATCAATGTT
 CTCCTCCATACAGAGTCTCTTCCAACGAACTGAGATAATGAAAGAAATCATGCAAAATG
 GACCAAGTTCAAGCCATAATGCAAGTCCATGAAGATTTCTCCATTATAAGACAGGGATAT
 ACAGACATGTTACCAGCACAAAATAAAGAATCAGAAAAATATCGAAAGCTTCAGACACATG
 CAGTCAAACCTCACTGGATGGGGCACACTGAGAGGAGCACAGGGCAGAAAAGAAAAATTTT
 GGATTGCTGCCAATTCCTGGGAAAAGTCATGGGGAGAGAATGGCTATTTTCAGGATCTTC
 GAGGAGTAAATGAGTCCGACATTGAAAAGTTGATTATCGCAGCTTGGGGCCAACCTGACGA
 GTTCTGATGAACCATAACATATCATTAAATTTCCATAAGGTCATGCCTTTAAGTAACCCC
 CTAATTTGAAGTTTAGCAATATGACATTCTTGGTGACAGTGAATCTTTGTCTCTTACC
 GTGTTAACATAATCTATCTATTTTCTTATTTTCCCTCTGGTCTATGCTTCTGCTTCTCT
 CATATTACTGAGCATTAAACAACCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_014464

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.

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_014464.2 , NP_055279.2
RefSeq Size:	1794 bp
RefSeq ORF:	1431 bp
Locus ID:	27283
UniProt ID:	Q9UJW2
Cytogenetics:	6p12.1
Protein Families:	Druggable Genome, Protease, Secreted Protein
Gene Summary:	This gene encodes a glycoprotein that is restricted within the kidney to the basement membranes underlying the epithelium of Bowman's capsule and proximal and distal tubules. Autoantibodies against this protein are found in sera of patients with tubulointerstitial nephritis, membranous nephropathy and anti-glomerular basement membrane nephritis. Ontogeny studies suggest that the expression of this antigen is developmentally regulated in a precise spatial and temporal pattern throughout nephrogenesis. [provided by RefSeq, Nov 2011]