

## Product datasheet for **SC321061**

### TINP1 (NSA2) (NM\_014886) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** TINP1 (NSA2) (NM\_014886) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** TINP1  
**Synonyms:** CDK105; HCL-G1; HCLG1; HUSSY-29; HUSSY29; TINP1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC (PS100020)  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_014886.2  
GACTCTTCTCCTGTCGCCGCTGCGTGGTGTGGGCTTGTGGGTCTTTGAGACCCGAAAATT  
GAGAGCGTTTTTCGCACTCCAGCGCTGCTCCTGGCGGCTCTGCGGCCGTACCATGCCAC  
AGAATGAATATATTGAATTACACCGTAAACGCTATGGATACCGTTTGGATTACCATGAGA  
AAAAGAGAAAGAAGGAAAAGTCGAGAGGCTCATGAACGTTCAAAGAAGGCAAAGAAAATGA  
TTGGTCTGAAGGCTAAGCTTTACCATAAACAGCGTCATGCTGAGAAAATACAAATGAAAA  
AGACTATCAAGATGCATGAAAAGAGAAACACCAAACAAAAGAATGATGAAAAGACACCAC  
AGGGAGCAGTACCTGCCTATCTGCTGGACAGAGAGGGACAATCTCGAGCTAAAGTACTTT  
CCAATATGATTAACAGAAAAGAAAAGAGAAGGCGGGAAAATGGGAAGTCCCTCTGCCTA  
AAGTACGTGCCAGGGAGAAAACAGAAGTATTAAGTTATTCGAACAGGAAAGAGAAAAGA  
AGAAGGCATGGAAGAGAATGGTTACTAAAGTGTGCTTTGTTGGAGATGGCTTTACAAGAA  
AACCACCTAAATATGAAAGATTCATCAGGCAATGGGCTTGCCTTCAAGAAAGCCCATG  
TAACACATCCTGAACTGAAAGCCACCTTTTGCCTACCAATACTTGGTGTAAAGAAGAATC  
CCTCATCCCCACTGTATACAACCTTTGGGTGTTATTACCAAAGGTAAGTGTGATTGAAGTAA  
ATGTGAGCGAATTGGGCTTGTGACACAAGGAGGCAAAGTATTTGGGAAAATATGCC  
AGGTTACCAACAATCCTGAAAATGATGGATGTATAAATGCAGTCTTACTGGTTTGACAGC  
AATTTTCATATATAATTATTGAGGACTACACCAATTGAAGAACTGCCATTACTGTGAT  
GTTTCTGAATACTACCAAACAGCCATACATGTCTGCAATGAAGAGATTTATTAATTTGTA  
AACAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire  
**ACCN:** NM\_014886



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<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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_014886.2</a></u> , <u><a href="#">NP_055701.1</a></u>
<b>RefSeq Size:</b>	1105 bp
<b>RefSeq ORF:</b>	783 bp
<b>Locus ID:</b>	10412
<b>UniProt ID:</b>	<u><a href="#">O95478</a></u>
<b>Cytogenetics:</b>	5q13.3
<b>Domains:</b>	Ribosomal_S8e
<b>Gene Summary:</b>	<p>This gene encodes a nucleolar protein involved in cell cycle regulation and proliferation. This gene was identified based on sequence similarity to a highly conserved <i>Saccharomyces cerevisiae</i> gene encoding a pre-ribosomal protein, which is involved in large ribosomal subunit biogenesis. The encoded protein is found at elevated levels in diabetic nephropathy. Alternative splicing results in multiple transcript variants. Several related pseudogenes have been identified. [provided by RefSeq, Nov 2012]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1).</p>