

## Product datasheet for **SC106255**

### TIP30 (HTATIP2) (AF092095) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TIP30 (HTATIP2) (AF092095) Human Untagged Clone
Tag:	Tag Free
Symbol:	HTATIP2
Synonyms:	CC3; SDR44U1; TIP30
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for AF092095, the custom clone sequence may differ by one or more nucleotides

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ATGGCCGAAACAGAAGCCCTGTCGAAGCTTCGGGAAGACTTCAGGATGCAGAATAAATCCGCTTTATTT  
TGGGCGCCAGCGGAGAAACCGGCAGAGTGCTCTTAAAGGAAATCCTGGAGCAGGGCCTGTTTTCCAAAGT  
CACGCTCATTGGGCGGAGGAAGCTCACCTTCGACGAGGAAGCTTATAAAAATGTGAATCAAGAAGTGGTG  
GACTTTGAAAAGTTGGATGACTACGCCTCTGCCTTTCAAGGTCATGATGTTGGATTCTGTTGCCTGGGTA  
CCACCAGAGGGAAGCTGGGGCGGTAAGGAAGGCATATGCTCTTTCCCTTTTTGCTGGCCAGTAATATC  
AAGGATTCTTTCTTGCTCACTCTTTTCTTTGTGCCTGTTGCAATGCTTAA
```



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for AF092095 unedited TGGATTTTGTATACGACTTACTATAGGGCGGCCGCGCAATTCGCACGAGGTGGGATGCTC TGATGGCCGGGCTGCGGCGCTGAGCGCGGCGGCGGCTGCTCTGGCCGGCCGCCTGC TCCTGCTGCGTCGTGAGGACCCGGGGCCGGGGCTGGCCCATGGTAACCCCTCCGCGTAT GGGACCGAGCAGGGCCAGGTCTCCTGGCCGGGCGGGGATACCGTGGGGTATGCCAGTG ATGCCAGCAGCTTGTGGCACCTGGGCGCACCTCCAGCTCGGGCCCTTCCGATGGGTCT GCTGGCTCAGGTGCGGGCGATGGCCGGGAGCCGCGCCCGCACGTGACTCAGCACTTTC CCCAGAGCCCGGACTGCGGAGAACAATATCCTCCTCCCTAACAGATAAACAGCCCTTGT CCTCGGGATAAGGACTGGCAGTCCCCTGACACCCTAAGACCGGCATCTGTGATGTTATT TCCCCAGCATGGCCGAAACAGAAGCCCTGTCAAGCTTCGGGAAGACTTCAGGATGCAGA ATAAATCCGTCTTTATTTGGGCGCCAGCGGAGAAACCGCAGAGTGCTCTTAAAGGAA TCCTGGAGCAGGGCTGTTTTCCAAAGTCACGCTCATTGGCCGGAGGAAGCTCACCTTCG ACGAGGAAGCTTATAAAAATGTGAATCAAGAAGTGGTGGACTTTGAAAAGTTGGATGACT ACGCCTCTGCCTTCAGGTCATGATGTTGGATTCTGTTGCCTGGTACCACCAGAGGGAA AGCTGGNGCGGANGGATTTGTTCTGTTGACCGAGATTATGTGCTNGAGTCTGCAGAGCT GGGCAAAAGCTGGAGGTGCANACATTTNACTTGTATCCCTCTAAGGAGCTGATAAAAT CAAGCATTTTTTATATCTACCAGTTTANGGGAGAAGTAGAAGCCAGGTTNGAGAATTNA AATTTNGATCGNACTCTGNATTTAGGCCTGG
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	AF092095
<b>Insert Size:</b>	1750 bp
<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>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>	<a href="#">AF092095.1</a> , <a href="#">AAC78331.1</a>
<b>RefSeq Size:</b>	784 bp
<b>RefSeq ORF:</b>	402 bp
<b>Locus ID:</b>	10553
<b>Cytogenetics:</b>	11p15.1
<b>Protein Families:</b>	Druggable Genome

**Gene Summary:**

Oxidoreductase required for tumor suppression. NADPH-bound form inhibits nuclear import by competing with nuclear import substrates for binding to a subset of nuclear transport receptors. May act as a redox sensor linked to transcription through regulation of nuclear import. Isoform 1 is a metastasis suppressor with proapoptotic as well as antiangiogenic properties. Isoform 2 has an antiapoptotic effect.[UniProtKB/Swiss-Prot Function]