

## Product datasheet for **SC121014**

### SPT3 (SUPT3H) (NM\_181356) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SPT3 (SUPT3H) (NM_181356) Human Untagged Clone
Tag:	Tag Free
Symbol:	SPT3
Synonyms:	SPT3; SPT3L
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_181356, the custom clone sequence may differ by one or more nucleotides

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ATGGTGGTCTTTGGAACAACGTTCTTCAACTTTGACAGCTTCATAGGGAAAACAGATTCTATAGAAATAA
TTGGAAAATCAGTTTTTCCCTATTGTTATCACAATATCCTTCCACTGCTGAATGATTCTGGCAGGTATTC
TTTAGGTGATGCTAGAAGGCCTTTCATGAAACAGCAGTTTTGGTAGAAGATGTGGTACACACTCAGTTA
ATTAATCTGTTACAGCAAGCTGCTGAAGTTTCTCAGCTGCGGGGAGCAAGGGTAATCACTCCTGAAGATC
TTCTGTTTTGATGCGCAAAGATAAGAAAAAAGTTAGAAGACTGCTAAAATACATGTTTATCCGAGACTA
CAAATCAAAGATTGTCAAAGGCATCGATGAGGATGATCTTCTCGAAGACAAATTGAGTGGCAGCAATAAT
GCGAACAAAAGACAAAAGATTGCTCAGGACTTCTCAACTCTATTGACCAGACAGGAGAAGCTTTTAGCAA
TGTTTGAAGATGACGAAAATTGATGAAGTTAAACAAGAAAGAAATGGAGAGAGCAGAAAAGACAAACTCGAAT
TATGGATTCAGCTCAATATGCAGAATTCTGTGAAAGTCGACAATTAAGTTTCTCCAAAAAGCTTCCAAA
TTTCGAGACTGGTTGGACTGCAGCAGTATGGAGATAAAACCCAATGTTGTGCGCAATGGAAATCTTAGCAT
ATTTAGCGTATGAAACTGTGGCAGATTAGTGGATCTGGCTCTTCTTGTGAGGCAAGACATGGTAACCAA
GGCAGGGGACCCCTTCAGCCATGCCATTTCTGCAACCTTCATTAGTATCACAACCTCTGCTGAGAGCACT
GCAGCCTGTGGTGTGAGGCTCACAGCGATGCCATCCAGCCCTGCCACATCAGAGAGGCCATTTCAGCGCT
ACAGCCACAGGATTGGCCCACTTCCCCATTACAAAATGCCTACCGCAGGAATGGGATGGCTTTTCTAGC
CTGCTGA
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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_181356 unedited NGTCAAATTTTGTAAACGAACATATTAGGCGGCCGGAATCGGCACGAGGCCCGTC ACACACGCCGAGTCACTTTTCCCTTTCTACACTCCACTCTCAGTCCCCACCCCGCC CCTTTCCAAGCGTGTCCCGGGCCGAGCAGCAGAAACCGACCATCTCCACCCCAATT CTCCTCGGGGAAGCGCAGCAGTGCCTCCAAGGTTCTTAAAGCAGAGATGAATAATACG GCAGCTAGTCCAATGTCTACTGCAACTTCAAGTAGTGAAGGGAGACCGGGGAAGTCTAT AAGCTTTGCAACAGAATTACAGAGTATGATGTATTCTTTTAAGGGATGCTAGAAAGCCTC TTCTGAAACAGCAGTTTTGGTAGAAGAAGTGGTACACACTCAGTTAATTAATCTGTTA CAGCAAGCGCGTTGGAAGTTTCTCAGCTGCGGGGAGCAAGGGGAATACTCCTGAAAACT TCTGGTTTTGATGCGCANAGATAAAAAAACTTAGAAGACTGCTAAAAACATGTTTATCC GAGACTACAATAAAAGATTGGCAAAGTTCATGGGGGGGAGAAGCTTCGAAAACAATTG GAGTGGGGCGATATGGGAACAAAGACAAAGAATGGTCAGGACTTCTCACTTTTTACAA CGGGGAAGTTATCATTGTGGGAGAAGACCAATGGGGGGGGTAAACAAAAAGGGGAGG AGCAAAGACCCCAATTTGGGGTACCAATGCGAAATGTGGGAAGAACCTATAAGTT TTTCAAAGCTCCAATTGAAAGAGGTGCTCGGGCCATTAGGGAAAAACACAGGGGGGGG GGGAGTTACCATTTCGGGAAGGGGCCCNNGGNGTTGTCTTTTTGGGAATGAAAA AGGNGGGCCCCCA
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_181356
<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>	<u><a href="#">NM_181356.1</a></u> , <u><a href="#">NP_852001.1</a></u>
<b>RefSeq Size:</b>	2500 bp
<b>RefSeq ORF:</b>	987 bp
<b>Locus ID:</b>	8464
<b>UniProt ID:</b>	<u><a href="#">O75486</a></u>
<b>Cytogenetics:</b>	6p21.1
<b>Protein Families:</b>	Stem cell - Pluripotency, Transcription Factors

**Gene Summary:**

Probable transcriptional activator.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) represents the longest transcript and encodes the longest isoform (2). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.