

Product datasheet for **SC108747**

STAF65 gamma (SUPT7L) (NM_014860) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	STAF65 gamma (SUPT7L) (NM_014860) Human Untagged Clone
Tag:	Tag Free
Symbol:	STAF65 gamma
Synonyms:	SPT7L; STAF65; STAF65(gamma); STAF65G; SUPT7H
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_014860, the custom clone sequence may differ by one or more nucleotides

ATGAATCTGCAAAGATACTGGGGAGAGATACCAATATCATCAAGCCAGACCAACAGAAGTTCCTTCGATT
 TGCTCCCACGGGAGTTCCGTCTGGTGGAAGTCCATGACCCACCCCTGCACCAACCCTCAGCCAACAAGCC
 GAAGCCCCCACTATGCTGGACATCCCCTCAGAGCCATGTAGTCTCACCATCCATACGATTCAAGTTGATT
 CAGCACAACCGACGTCTTCGCAACCTTATTGCCACAGCTCAGGCCAGAATCAGCAGCAGACAGAAGGTG
 TAAAACTGAAGAGAGTGAACCTCTCCCTCGTGCCCTGGGTACCTCCTCTCCCTGATGACCTCCTGCC
 TTTAGATTGTAAGAATCCCAATGCACCATTCAGATCCGGCACAGTGACCCAGAGAGTGACTTTTATCGT
 GGGAAAGGGGAACCTGTGACTGAACTCAGCTGGCACTCCTGTGCGCAGCTCCTCTACCAGGCAGTGGCCA
 CAATCCTGGCCACGCGGGCTTTGACTGTGCTAATGAGAGTGTCTGGAGACCCTAACTGATGTGGCACA
 TGAGTATTGCCTTAAGTTTACCAAGTTGCTGCGTTTTGCTGTGGACCGGGAGGCCCGGCTGGGACAGACT
 CCTTTTCTGATGTGATGGAGCAGGTATTCATGAAGTGGGTATTGGCAGTGTGCTCTCCCTCCAGAAGT
 TCTGGCAGCACCGCATCAAGGACTATCAGATTACATGCTACAGATTAGTAAGCAACTCTCTGAAGAATA
 TGAAAGGATTGTCAATCCTGAGAAGGCCACAGAGGACGCTAAACCTGTGAAGATCAAGGAGGAACCTGTG
 AGCGACATCACTTTTCTGTGAGGAGCTGGAGGCTGACCTTGCTTCTGGAGACCAGTCACTGCCTA
 TGGGAGTGCTTGGGGCTCAGAGCGAACGCTTCCCATCTAACCTGGAGGTTGAAGCTTCACCACAGGCTTC
 AAGTGCAGAGGTAAATGCTTCTCCTCTTTGGAATCTGGCCATGTGAAAATGGAGCCTCAAGAAAGTGAA
 GAAGGCAATGTCTCTGGCATGGTGTGCTGGGCAGTGATGTCTTCGAGGAGCCTATGTCAAGCATGAGTG
 AAGCTGGGATTCTCAGAGCCCTGATGACTCAGATAGCAGCTATGGTTCCCACTCCACTGACAGCCTCAT
 GGGGTCTCCCCTGTTTTCAACCAGCGCTGCAAGAAGAGGATGAGGAAAATATAA


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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_014860 unedited
 AGGTACATTTTGTATACGACTCACTATAGGCGGCCGCGNAATTCGCACGAGGCAGCTTT
 CGGGGTCTGACGCGATCCTTGCCCTCAGGCCTCTCGAGGTCCAGACAGCCGCCAGCCCGC
 TCTGCGACGCAGCAGTGAATAGTGTGGTACCTCCTTGTCTCGGTTACAGTCCAGACCTCC
 CCGTCTTCCGGCTGCCCTGAACGTCAGGCGACCTCAGGACCCTGTGATTGGCGCCTGCGC
 CGGCGGACCGTGACCGAGGAAACCCCTGGAGGGACTTGGGCATTCTTGGGCTCCGTGCC
 TGTCTTTCGTGCTCCTTTTCGGGCAAGGATCTCACATTATCAGTCTTTGACCGACACAGAA
 TGCTTGCCATTTGATAAATGTTTGTGAACTTGAAGAGACATATGGACAATGAATCTGCA
 AAGGTGAGTTGAAACCAGATTGTGAATTTTGTGAATGGTAAGCCAAGGAATTCTGACTT
 TTTCCAATAGGCAATGGGAAGCCATTTGATTTAAGCCTTAAAAAGAGTAAGTCTAGCACC
 CGTGTACAGAATAGATGACATACAAAGAGAGATTGGAGGAAGGGATACCAATTAGAAGGC
 AGCAGAAATCTCTACGTTCTATATGCCCAAAGCTTGAAAGCATAATGCCCATTTAGATT
 AATGGTTCCTAAATTCTTCCACCAGGATCCTGCCTCAGACCCCCGGAGTACGAACCAC
 TTTTATTATCTTTAACCTCACTAAGTTTTCTCCTATTGATCCACCACACATGTTTAACG
 ATACCTTTCTTGCCCTGCTTATTGTTCAAGACTTGACGTGATGCCATCCCTGGTAAGA
 CGTTCGACACCGGACCGCAATCAGGCCTTTCAGCTCCAAACCTCGCGACCCCTCTGCC
 CCTAAT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_014860 unedited
 CATCCACTTTGGAATGGCAACTTCCAGGNCCAGNAAAGCACTGGGGNAGGGTCACAGGNA
 TGCCACCCGGGNATCTGTTAGGNAAACAGCTATGACCGCGGCCGCAATCTAGAGNCGA
 GTTTAAATT
 TTAAGGAAACAAATTTTAAACAAAAACCTTTTTTGTGGGTCTAATAGGTCTGGACAAA
 ACATCCCCCTCTTTCTTTTATATTTTCTCATCCTTTTTTGCAGCGCTGGTTGAAAA
 CAGGGGAGGACCCATGAGGCTGTCACTGGAGTGGAACCATAGCTGCTATTTGAGTCAT
 CAGGGCTTTGAGGAATCCCAACTTCACTTATGCCTGACATAGGCTCCTTAAAAAATTACT
 GCCCAACACACCATGCCCAAAACATTGCCTTTTTTCACTTTTTTGGGCTCCATTTTAC
 ATGGGCCAAATTCAAAAAGGAAAAACATTTACCTCTGCACTTGAAGCCTGTGGTGAAAC
 TTCAACCTCCAGGTTAAATGGGAAGCGTTCGCTTTGAGCCCCAAGCACTCCCATAGGCAG
 TGACTGGTCTCCAAAAGCAAGGTCAGCTCCAGCTCCTCACTGACAGGAAAAGTGATGTC
 GCTCACAGGTTCTCCTTGATCTTCACAGGTTAGCGTCTCTGGGCTTCTCAAGATTG
 ACATCCTTTCTATTCTTAGAGAGTTGCTTACTAATCTGTACATGTAAGTGTGATAATCTT
 GATGCGGNGCTGCCAAAACCTTCTGGAGGAGAGCCCTGGCAATACCCACTTATGGGAATA
 CTGCTCATCACATCAGAAG

Restriction Sites:

NotI-NotI

ACCN:

NM_014860

Insert Size:

2620 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:	<u>NM_014860.1, NP_055675.1</u>
RefSeq Size:	4261 bp
RefSeq ORF:	1245 bp
Locus ID:	9913
UniProt ID:	<u>O94864</u>
Cytogenetics:	2p23.3
Domains:	BTP
Protein Families:	Transcription Factors
Gene Summary:	SUPT7L is a protein subunit of the human STAGA complex (SPT3; (MIM 602947)/TAF9 (MIM 600822)/GCN5 (MIM 602301) acetyltransferase complex), which is a chromatin-modifying multiprotein complex (Martinez et al., 2001 [PubMed 11564863]).[supplied by OMIM, Apr 2009] Transcript Variant: This variant (1) encodes the longest isoform (a). Both variants 1 and 2 encode isoform a.