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Product datasheet for SC113618

STATIP1 (ELP2) (NM_018255) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	STATIP1 (ELP2) (NM_018255) Human Untagged Clone
Tag:	Tag Free
Symbol:	STATIP1
Synonyms:	MRT58; SHINC-2; STATIP1; StIP
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

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Fully Sequenced ORF:

>OriGene ORF within SC113618 sequence for NM_018255 edited (data generated by NextGen Sequencing)

ATGGTGGCACCCGTGCTGGAGACTTCTCACGTGTTTTGCTGCCCAAACCGGGTGCGGGGA
GTCCTGAACTGGAGCTCTGGGCCCAGAGGACTTCTGGCCTTTGGCACGTCCTGCTCCGTG
GTGCTCTATGACCCCCTGAAAAGGGTTGTTGTTACCAACTTGAATGGTCACACCGCCCGA
GTCAATTGCATACAGTGGATTTGTAAACAGGATGGCTCCCCTTCTACTGAATTAGTTTCT
GGAGGATCTGATAATCAAGTGATTCACTGGGAAATAGAGGATAATCAGCTTTTAAAAGCA
GTGCATCTTCAAGGCCATGAAGGACCTGTTTATGCGGTGCATGCTGTTTACCAGAGGAGG
ACATCAGATCCTGCATTATGTACACTGATCGTTTCTGCAGCTGCAGATTCTGCTGTTCGA
CTCTGGTCTAAAAAGGGTCCAGAAGTAATGTGCCTTCAGACTTTAAACTTTGGAAATGGA
TTTGCTTTGGCTCTCTGCTTATCTTTTTTGCCAAATACTGATGTACCAATATTAGCATGT
GGCAATGATGATTGCAGAATTCACATATTTGCTCAACAAAATGATCAGTTTCAGAAAGTG
CTTTCTCTCTGTGGACATGAGGATTGGATTAGAGGAGTGGAATGGGCAGCCTTTGGTAGA
GATCTTTTCCTAGCAAGCTGTTCACAAGATTGCCTGATAAGAATATGGAAGCTGTATATA
AAGTCAACATCTTTAGAAACTCAGGATGACGATAACATAAGACTGAAAGAAAATACTTTT
ACCATAGAAAATGAAAGTGTTAAAATAGCATTTGCTGTTACTCTGGAGACAGTGCTAGCC
GGTCATGAAAACTGGGTAAATGCAGTTCACTGGCAACCTGTGTTTTACAAAGATGGTGTC
CTACAGCAGCCAGTGAGATTATTATCTGCTTCCATGGATAAAACCATGATTCTCTGGGCT
CCAGATGAAGAGTCAGGAGTTTGGCTAGAACAGGTTCGAGTAGGTGAAGTAGGTGGGAAT
ACTTTGGGATTTTATGATTGCCAGTTCAATGAAGATGGCTCCATGATCATTGCTCATGCT
TTCCACGGAGCGTTGCACCTTTGGAAACAGAATACAGTTAACCCAAGAGAGTGGACTCCA
GAGATTGTCATTTCAGGACACTTTGATGGTGTCCAAGACCTAGTCTGGGATCCAGAAGGA
GAATTTATTATCACTGTTGGTACTGATCAGACAACTAGACTTTTTGCTCCATGGAAGAGA
AAAGACCAATCACAGGTGACTTGGCATGAAATTGCAAGGCCTCAGATACATGGGTATGAC
CTGAAATGTTTGGCAATGATTAATCGGTTTCAGTTTGTATCTGGAGCAGATGAAAAAGTT
CTTCGGGTTTTTTCTGCACCTCGGAATTTTGTGGAAAATTTTTGTGCCATTACAGGACAA
TCACTGAATCATGTGCTCTGTAATCAAGATAGTGATCTTCCAGAAGGAGCCACTGTCCCT
GCATTGGGATTATCAAATAAAGCTGTCTTTCAGGGAGATATAGCTTCTCAGCCTTCTGAT
GAAGAGGAGCTGTTAACTAGTACTGGTTTTGAGTATCAGCAGGTGGCCTTTCAGCCCTCC
ATACTTACTGAGCCTCCCACTGAGGATCATCTTCTGCAGAATACTTTGTGGCCTGAAGTT
CAAAAACTATATGGGCACGGTTATGAAATATTTTGTGTTACTTGTAACAGTTCAAAGACT
CTGCTTGCCTCAGCTTGTAAGGCAGCTAAGAAAGAGCATGCAGCTATCATTCTTTGGAAC
ACTACATCTTGGAAACAGGTGCAGAATTTAGTTTTCCACAGTTTGACAGTCACGCAGATG
GCCTTCTCACCTAATGAGAAGTTCTTACTAGCTGTTTCCAGAGATCGAACCTGGTCATTG
TGGAAAAAGCAGGATACAATCTCACCTGAGTTCGAGCCAGTTTTTAGTCTTTTTGCCTTC
ACCAACAAAATTACTTCTGTGCACAGTAGAATTATTTGGTCTTGTGATTGGAGTCCTGAC
AGCAAGTATTTCTTCACTGGGAGTCGAGACAAAAAGGTGGTTGTCTGGGGTGAGTGCGAC
TCCACTGATGACTGTATTGAGCACAACATTGGCCCCTGCTCCTCAGTCCTGGACGTGGGT
GGGGCTGTGACAGCTGTCAGCGTCTGCCCAGTGCTCCACCCTTCTCAACGATACGTGGTT
GCAGTAGGATTGGAGTGTGGAAAGATTTGCTTATATACCTGGAAAAAGACTGATCAAGTT
CCAGAAATAAATGACTGGACCCACTGTGTAGAAACAAGTCAAAGCCAAAGTCATACACTG
GCTATCAGAAAATTATGCTGGAAGAATTGCAGTGGAAAAACTGAACAGAAGGAAGCAGAA
GGTGCTGAGTGGTTACACTTTGCAAGCTGTGGTGAAGATCACACTGTGAAGATACACAGA
GTCAATAAATGTGCACTGTAA

Clone variation with respect to NM_018255.2

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_018255 unedited
TGTTAGGATATTTGTATACGACTTCACTATAGGGCGGCCGCGATTCGGCACGAGGGACCA
GTTGGCGACATGGTGGCACCCGTGCTGGAGACTTCTCACGTGTTTTGCTGCCCAAACCGG
GTGCGGGGAGTCCTGAACTGGAGCTCTGGGCCCAGAGGACTTCTGGCCTTTGGCACGTCC
TGCTCCGTGGTGCTCTATGACCCCCTGAAAGGGTTGTTGTTACCAACTTGAATGGTCACA
CCGCCCGAGTCAATTGCATACAGTGGATTTGTAAACAGGATGGCTCCCCTTCTACTGAAT
TAGTTTCTGGAGGATCTGATAATCAAGTGATTCACTGGGAAATAGAGGATAATCAGCTTT
TAAAAGCAGTGCATCTTCAAGGCCATGAAGGACCTGTTTATGCGGTGCATGCTGTTTACC
AGAGGAGGACATCAGATCCTGCATTATGTACACTGATCGTTTCTGCAGCTGCAGATTCTG
CTGTTCGACTCTGGTCTAAAAAGGGTCCAGAAGTAATGTGCCTTCAGACTNTAAACTTTG
GAAATGGATTTGCTTTGGCTCTCTGCTTATCTTTTTTGCCAAATACTGATGTACCAATAT
TAGCATGTGGCAATGATGATTGCAGAATTCACATATTTGCTCAACACAATGATCAGTTTC
AGAAAGTGCTTTCTCTCTGTGGACATGAGGATTGGATTAGAGGAGTGGAATGGGCAGCCT
TTGGTAGAGATCTTTTTCTAGCAAGCTGTTCACAAGATTGCCTGATAAGAATATGGAAGC
TGTATATAAAGTCCACATCTTTAGAAACTCAGGATGACGATTACATAAGACTGGAAGAAA
ATCCTTTTACCATACAAAATGAAGTGCTAAATAGCATTTGCTGGTACTCTGNAGACAGTG
CTAGCCCGGCATTGAAACCTGGTAACTG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_018255 unedited
ACCGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTGTAGTTATTAAGTCC
ATTACAGTGCACATTTATTGACTCTGTGTATCTTCACAGTGTGATCTTCACCACAGCTTG
CAAAGTGTAACCACTCAGCACCTTCTGCTTCCTTCTGTTCAGTTTTTCCACTGCAATTCT
TCCAGCATAATTTTCTGATAGCCAGTGTATGACTTTGGCTTTGACTTGTTTCTACACAGT
GGGTCCAGTCATTTATTTCTGGAACTTGATCAGTCTTTTTCCAGGTATATAAGCAAATCT
TTCCACACTCCAATCCTACTGCAACCACGTATCGTTGAGAAGGGTGGAGCACTGGGCAGA
CGCTGACAGCTGTCACAGCCCCACCCACGTCCAGGACTGAGGAGCAGGGGCCAATGTTGT
GCTCAATACAGTCATCAGTGGAGTCGCACTCACCCCAGACAACCACCTTTTTGTCTCGAC
TCCCAGTGAAGAAATACTTGCTGTCAGGACTCCAATCACAAGACCAAATAATTCTACTGT
GCACAGAAGTAATTTTGTTGGTGAAGGCAAAAAGACTAAAAACTGGCTCGAACTCAGGTG
AGATTGTATCCTGCTTTTTCCACAATGACCAGGTTCGATCTCTGGAAACAGCTAGTAAGA
ACTTCTCATTAGGTGAGAAAGCCATCTGCGTGACTGTCAAACTGTGGAAAACTAAATTCT
GCACCCTGTGTCCAGATGTAGTGGTCCCAAAGATGATAACTGCATGCTCTTTCTTACCTG
CCTTACAGCTTGAGCAGCANAGTCTTTGACCGTACAAGTAACCAAAATATTCATACCCGG
CCATATATTTNTGACCTTAGCCCCAAATATTCTGAGAATATAATCTAGTGGAGGCTATTA
GTTGGAGGCCTAAAGGCCCTC

Restriction Sites: NotI-NotI

ACCN: NM_018255

Insert Size: 2600 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:	NM_018255.1, NP_060725.1
RefSeq Size:	2494 bp
RefSeq ORF:	2481 bp
Locus ID:	55250
UniProt ID:	Q6IA86
Cytogenetics:	18q12.2
Domains:	WD40
Gene Summary:	The protein encoded by this gene is a core subunit of the elongator complex, a histone acetyltransferase complex that associates with RNA polymerase II. In addition to histone acetylation, the encoded protein effects transcriptional elongation and may help remodel chromatin. [provided by RefSeq, May 2016] Transcript Variant: This variant (2) lacks an in-frame alternate coding exon, compared to variant 1, resulting in a shorter protein (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.