

Product datasheet for **SC115128**

SSU72 (NM_014188) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SSU72 (NM_014188) Human Untagged Clone
Tag:	Tag Free
Symbol:	SSU72
Synonyms:	HSPC182; PNAS-120
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC115128 sequence for NM_014188 edited (data generated by NextGen Sequencing) ATGCCGTCGTCCCGCTGCGGGTGGCGGTGGTGTGCTCGAGCAACCAGAACCGGAGCATG GAGGCGCACAAATCCTCAGCAACGCGGATTTCAGCGTCCGATCCTTTGGAACAGGGACT CACGTGAAGCTTCCAGGACCAGCTCCCGACAAGCCCAATGTTTATGATTTCAAAACACACA TATGACCAGATGTACAATGATCTTCTTAGGAAAGACAAAGAACTCTATACACAGAATGGG ATTTTACATATGCTGGACAGAAATAAGAGAATCAAGCCCCGCCAGAAAGATTCCAGAAC TGCAAAGACCTGTTTGATCTGATCCTCACTTGCGAAGAGAGAGTGTATGACCAGGTGGT GAAGATCTGAATTCCAGAGAACAGGAGACCTGCCAGCCTGTGCACGTGGTCAATGTGGAC ATCCAGGACAACCACGAGGAGGCCACCCTGGGGCGTTTCTCATCTGTGAGCTCTGCCAG TGTATCCAGCACACGGAAGACATGGAGAACGAGATCGACGAGCTGCTGCAGGAGTTCGAG GAGAAGAGTGGCCGCACCTTTCTGCACACCGTCTGCTTCTACTGA Clone variation with respect to NM_014188.2



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_014188 unedited <pre> AAATTTTGTATACGACTCCTATAGGGCGGCCGGAATCGGCACGAGGCCGCGGTAGGGTG GGAACCCAAGCGGGAGAGCCGCGGGATTGCGGCCGCCGCATGCCGTCGCCCCGCTGC GGGTGGCGGTGGTGTGCTCGAGCAACCAGAACCGGAGCATGGAGGCGCACAACATCCTCA GCAAACGGGGATTACGCGTCCGATCCTTTGGAACAGGGACTCACGTGAAGCTTCCAGGAC CAGCTCCCCGACAAGCCCAATGTTTATGATTTCAAAACCACATATGACCAGATGTACAATG ATCTTCTTAGGAAAGACAAAGAAGCTCTATACACAGAATGGGATTTTACATATGCTGGACA GAAATAAGAGAATCAAGCCCCGCCAGAAAGATTCCAGAACTGCAAAGACCTGTTTGATC TGATCCTCACTTGCGAAGAGAGAGTGTATGACCAGGTGGTGAAGATCTGAATCCAGAG AACAGGAGACCTGCCAGCCTGTGCACGTGGTCAATGTGGACATCCAGGACAACCACGAGG AGGCCACCCTGGGGGCGTTTCTCATCTGTGAGCTCTGCCAGTGTATCCAGCACACGGAAG ACATGGAGAACGAGATCGACGAGCTGCTGCAGGAGTTCGAGGAGAAGAGTGGCCGCACCT TTCTGCACACCGTCTGCTTCTACTGAGCCAGCGCCGCATGGAGCCGCCTCTGGAGCTT CCTGTTGTTTCATACTTTTCTTCTGACATTTGTTTTACTTACAGGTGTTCTGCTGGT GACGGTAGCATTACCCANATAAACTGTGCATATGANATGGGAGAGGAGATGCCAAAACGC CAGATGAANAGCATCAAGTTNCTTCTTTNCCTNTTNACTATGAGCANGATATTGATTAC NAAGTTNTTCTTCTTTTACCAAAAAGGAAGAACACGNTTGTGTGCACTTCCGAATACCTG GGTNTNGNGTGCCTGGCTTCTNCCTCTNCCNACGNNCGATGTACGAGCTC </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_014188
Insert Size:	1000 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_014188.2</u> , <u>NP_054907.1</u>
RefSeq Size:	1319 bp
RefSeq ORF:	585 bp
Locus ID:	29101
UniProt ID:	<u>Q9NP77</u>
Cytogenetics:	1p36.33
Domains:	Ssu72

Protein Families: Druggable Genome

Gene Summary: Protein phosphatase that catalyzes the dephosphorylation of the C-terminal domain of RNA polymerase II. Plays a role in RNA processing and termination. Plays a role in pre-mRNA polyadenylation via its interaction with SYMPK.[UniProtKB/Swiss-Prot Function]