

Product datasheet for **RN201406**

Ssu72 (NM_001025657) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ssu72 (NM_001025657) Rat Untagged Clone
Tag: Tag Free
Symbol: Ssu72
Synonyms: RGD1307854
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN201406 representing NM_001025657
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCGTCATCGCCGCTGCGGGTGGCGGTGGTGTGCTCGAGTAACCAGAATCGGAGCATGGAAGCACACA
 ACATCCTCAGCAAACGTGGTTTCAGTGTCCGCTCCTTTGGAACAGGAACATGTGAAGCTCCCAGGACC
 AGCACCTGACAAGCCCAATGTTTATGACTTCAAACCACATATGACCAGATGTACAATGATCTCCTCAGG
 AAAGACAAAGAACTCTATACACAAAATGGAATTCTACATATGTTGGACAGAAATAAAGGATCAAGCCCC
 GTCCAGAAAGATTCCAGAACTGCAAAGACCTGTTTGACCTGATCCTCACTTGTGAAGAGAGAGTCTATGA
 CCAGGTTGTAGAAGATCTGAACTCCAGGGAACAGGAGACCTGCCAGCCAGTGCATGTGGTCAATGTGGAC
 ATCCAGGACAACCATGAAGAGGCCACCCTGGGAGCATTCTTATCTGCGAGCTCTGCCAGTGTATCCAGC
 ACACCGAGGATATGGAGAATGAAATCGATGAGCTGCTGCAGGAGTTTGAGGAGAAGAGTGCCCGGCCCTT
 TCTGCATACTGTCTGCTTCTACT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001025657
Insert Size: 585 bp


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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_001025657.1, NP_001020828.1</u>
RefSeq Size:	1063 bp
RefSeq ORF:	585 bp
Locus ID:	298681
UniProt ID:	<u>Q4KLK9</u>
Cytogenetics:	5q36
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 (By similarity).[UniProtKB/Swiss-Prot Function]