

Product datasheet for **RN217085**

Srp72 (NM_001170601) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Srp72 (NM_001170601) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Srp72
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217085 representing NM_001170601
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGAGCGGCGCAGCGGTGGGGTGTCACTCCCTGCGCTGTGGAGTGAGGTGAACCGTTATGGGCAGA
 ACAGCGACTTCACGCGTGCCCTCAAGACCGTCAACAAAATATTGCAGATCAACAAGGATGATGTCACGGC
 CTTGCACTGTAAAGTTGTTTGCCTTATCCAGAATGGAAGTTTCAAAGAAGCCTTGAATGTCATCAATACT
 CACACCAAAGTGTAGCCAATAACTCTCTGTCTTTGAGAAGGCATATTGCGAGTACAGGTTGAACAGAA
 TCGAGAATGCCTTGAAGACAATAGAAAGTGCCAACCAGCAGACAGACAACTGAAGGAGCTTTATGGACA
 AGTGCTGTACCGCTGGAACGCTACGATGAGTGCCTGGCCGTGTACCGAGATCTGTCCGAACTCCAG
 GATGACTACGATGAGGAGAGGAAGACAAACCTGTCAGCAGTCTGTCCGCTCAAAGCAACTGGGAAAAAG
 TGTTCCCGAGAATTGGGTCTCAAGAAGGCACACGAACTCTGTTACAACGCTGCGTGTGCACTGAT
 AGGGCAAGGCCAGCTGACCCAGGCAATGAAAATCTACAAAAGGCTGAAGATCTTTGTCGCCGTTCAATTT
 TCAGAAGATTCAGACGGGACTGAGGAAGACCCTCAGGCCGAGCTGGCCATCATTACGGTCAAATGGCTT
 ACATCATGCAGCTTCAGGGGCGCATCGAGGAGGCTCTGCAGCTTTACAATCAGATAATAAACTGAAGCC
 AACAGATGTGGCACTTCTTGCTGTAATCGCAAATAACATCATCACCATTAATAAGGACCAAAATGTCTTT
 GACTCCAAGAAGAAAGTGAATTAACCAATGCAGAAGGAGTAGAGTTAAGCTCTCCAAGAGACAGCTTC
 AAGCCATAGAGTTCAACAAGGCTTTGCTTGCCATGTATACAAACCAGGCAGAACAGTGCCGAAAAATAGC
 TTCTAGCTTGCACTCCAGAGTCTGAGCATCTCTGCCTGTGCTGATCCAAGCTGCCAGCTCTGTGCT
 GAAAAGCAGCATACAAAGGCAATAGAGCTGCTCAGGAATTTCTGATCAACATCCAGAAAATGCAGCTG
 AAATCAAGCTTACCATGGCTCAATTGAAAATTTCCAAGTAATATTTCCAAGGCTGCCTAATACTGAG
 AAGCATAGAGGAGTTAAAGCATAAAGCCAGGCATGGTATCCGCGTTGGTGACCATGTACAGCCATGAGGAA
 GACATTGATAGTGCCATTGAAGTCTTCACACAGGCTATCCAGTGGTATCAAAGCCATCAGCCCAAGTCCC
 CTGCTCATTTGCTTGTGATAAGAGAGGCCGCAAACTTCAAGCTCAAATATGGACGGAAGAAGGAGGCAGT
 TAGTGACCTAGAGCAGCTGTGGAACAAAATTCAAAAGATATTCACACGCTAGCCAGCTTATCTCTGCT
 TACTCACTTGTGGATCCAGAGAAAGCAAAGGCTCTTAGTAAACACCTGCCCTCATCGGATAGTATGTCTC
 TAAAGGTAGATGTTGAGGCTCTGAGAATTCCTGCTGCTACGTACATTCGGAAGAAGGTTGAAAAAGT
 TACTGGAGATAATCAACCAAGGAACAAGGACAGGAGATTTGAAGAAGAAGAAGAAAAAGAAAGGA
 AAAGTGCCTAAGAATTATGACCCAAAAGTTACCCAGATCCAGAAAGATGGCTACCAATGCGAGAGCGCT
 CTTACTACCGAGGAAGAAAGAAGGGCAAAAAGAAGGACCAGATCGGAAAAGGAACACAGGAGCGACCCG
 AGGAGCCTCCTCTGAGCTGGACGCCAGTAAAAGTGTGAGCAGCCACCCACCTCCCAAGACCTGGCAGT
 GCGGCAACGATGGCTCCTCTACAAGTAACATTGTACCCCAAGACACCAGAAACCCGAGGGGCCCCAG
 CAACGAAAAAGAAGCAGCAACAGAAGAAGAAGAAAGGAGGGAAAAAGTGGTTGG**TGA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001170601

Insert Size: 2016 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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:	<ol style="list-style-type: none">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_001170601.1, NP_001164072.1</u>
RefSeq Size:	3597 bp
RefSeq ORF:	2016 bp
Locus ID:	498351
Cytogenetics:	14p11