

## Product datasheet for **MC218281**

### **Srp54 (BC005543) Mouse Untagged Clone**

#### **Product data:**

|                    |                                       |
|--------------------|---------------------------------------|
| Product Type:      | Expression Plasmids                   |
| Product Name:      | Srp54 (BC005543) Mouse Untagged Clone |
| Tag:               | Tag Free                              |
| Symbol:            | Srp54                                 |
| Synonyms:          | 54kDa                                 |
| Vector:            | pCMV6-Entry (PS100001)                |
| E. coli Selection: | Kanamycin (25 ug/mL)                  |
| Cell Selection:    | Neomycin                              |



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**Fully Sequenced ORF:** >BC005543  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTTTCTAGCAGATCTTGAAGAAAAAATACATCAGCATTACGCTCATTGAGCAATGCCACCATTATCA  
 ATGAAGAGGTATTAATGCTATGCTGAAAGAAGTATGTACAGCATTATTGGAAGCAGATGTTAATATTAA  
 ACTAGTGAAGCAACTCAGAGAAAATGTTAAGTCTGCAATTGATCTTGAAGAGATGGCATCTGGACTGAAC  
 AAAAGAAAAATGATTCAGCATGCTGATTTAAAGAACTTGTAAAGCTTGTAGACCCTGGAGTTAAAGCGT  
 GGACACCGACTAAGGGAAAGCAAATGTGATCATGTTTGTGGATTGCAAGGGAGTGGTAAAACGACAAC  
 ATGTTCAAAGTTAGCATATTATTACCAGAGGAAAGTTGGAAGACCTGTTTGATATGTGCAGATACATTC  
 AGAGCAGGAGCCTTTGACCAGCTAAAACAGAATGCCACCAAAGCAAGAATCCGTTCTATGGCAGCTATA  
 CTGAAATGGACCCTGTCATCATTGCTTCTGAAGGAGTGGAGAAAATCAAAAATGAAAATTTTGAATTTAT  
 TATTGTTGATACAAGTGGTCGTCACAAACAAGAAGACTCTTTATTTGAAGAAATGCTTCAAGTTTCTAAT  
 GCTATACAACCTGATAACATTGTTTATGTGATGGATGCATCCATCGGACAGGCTTGTGAGGCCCAGGCGA  
 AGGCCTTTAAAGACAAAGTAGATGTAGCTTCAGTAATAGTGACAAAACCTCGACGGTCACGCGAAAGGAGG  
 CGGTGCTCTTAGTGACAGTTGCTGCCACAAAAGTCCAATTATTTTCATTGGTACAGGGGAACATATAGAT  
 AATTTTGAACCTTTCAAAACACAACCTTTCATCAGCAAACCTTGAATGGGTGATATTGAAGGACTGA  
 TTGATAAAGTCAATGAATTGAAGTTGGATGATAACAAGGCACTTATAGAGAAGTGGAAAGCACGGTCAGTT  
 TACATTGCGAGACATGTATGAACAGTTTCAGAAATTTAATAAAGTGGGCCATTCAGTCAGATATTGGGG  
 ATGATTCCTGGCTTTGGCACAGATTTTATGAGCAAAGGGAATGAGCAGGAGTCAATGGCAAGGCTGAAGA  
 AACTGATGACAATCATGGACAGTATGAACGATCAAGAAGTGGACAGTACAGATGGTCCAAAGTTTCAG  
 TAAGCATCCAGGGAGAATCCAAAGAGTTGCCCGGGATCAGGTGTGTCAACAAGAGATATTCAAGAAGCTT  
 CTGACCCAGTATACCAAGTTTGCACAGATGGTCAAAAAGATGGGAGGTATCAAAGGACTTTTCAAAGGCG  
 GTGATATGTCTAAGAATGTGAGTCAGTCACAGATGGCAAATTAACCAACAAATGGCCAAAATGATGGA  
 CCCACGAGTTCTTCATCACATGGTGTGTGACTTCTTGGAGAGAAGATTGCGTCAGTTTTGGGCATCAGC  
 ACCCAAATACCAAGTACGCCATTGATGAGTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI

**ACCN:** BC005543

**Insert Size:** 1503 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

|                               |   |
|-------------------------------|---|
| <b>Components:</b>            | 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).  |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol> |
| <b>RefSeq:</b>                | <u><a href="#">BC005543</a></u> , <u><a href="#">AAH05543</a></u>   |
| <b>RefSeq Size:</b>           | 1986 bp   |
| <b>RefSeq ORF:</b>            | 1502 bp   |
| <b>Locus ID:</b>              | 24067   |
| <b>Cytogenetics:</b>          | 12 C1   |