

Product datasheet for **MG208026**

Srp54 (BC005543) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Srp54 (BC005543) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Srp54
Synonyms:	54kDa
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG208026 representing BC005543
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTTCTAGCAGATCTTGAAGAAAAAATACATCAGCATTACGCTCATTGAGCAATGCCACCATTATCA
 ATGAAGAGGTATTAATGCTATGCTGAAAGAAGTATGTACAGCATTATTGGAAGCAGATGTTAATATTAA
 ACTAGTGAAGCAACTCAGAGAAAATGTTAAGTCTGCAATTGATCTTGAAGAGATGGCATCTGGACTGAAC
 AAAAGAAAAATGATTCAGCATGTGATTTAAAGAACTTGTAAGCTTGTAGACCCTGGAGTAAAGCGT
 GGACACCGACTAAGGGAAGCAAATGTGATCATGTTTGTGGATTGCAAGGGAGTGGTAAAAACGACAAC
 ATGTTCAAAGTTAGCATATTAACCAGAGGAAAGGTTGAAGACCTGTTTGTATGTGCAGATACATTC
 AGAGCAGGAGCCTTGACCAGCTAAAACAGAATGCCACCAAAGCAAGAATCCGTTCTATGGCAGCTATA
 CTGAAATGGACCCTGTCATCATTGCTTCTGAAGGAGTGGAGAAAATCAAATAATGAAAATTTTAAAATTA
 TATTGTTGATACAAGTGTCGACAAAACAAGAAGACTCTTTATTTGAAGAAATGCTTCAAGTTTCTAAT
 GCTATACAACTGATAACATTGTTTATGTGATGGATGCATCCATCGGACAGGCTTGTGAGGCCCAGGCGA
 AGGCCTTTAAAGACAAAGTAGATGTAGCTTCAAGTAAATAGTGACAAAACCTCGACGGTCAACGCGAAAGGAGG
 CCGTGTCTTAGTGCAGTTGCTGCCACAAAAGTCCAATTATTTTATTGTTACAGGGGAACATATAGAT
 AATTTTGAACCTTCAAACACAACCTTTCATCAGCAAACCTTGGAAATGGGTGATATTGAAGGACTGA
 TTGATAAAGTCAATGAATTGAAGTTGGATGATAACAAGGCACTTATAGAGAAGTGAAGCACGGTCAAGT
 TACATTGCGAGACATGTATGAACAGTTCAGAATATTAAGAAAATGGGCCATTCAAGTCAGATATTGGGG
 ATGATTCCTGGCTTGGACAGATTTATGAGCAAAGGAATGAGCAGGAGTCAATGGCAAGGCTGAAGA
 AACTGATGACAACTATGGACAGTATGAACGATCAAGAAGTGGACAGTACAGATGGTGGCAAGGCTGAAAG
 TAAGCATCCAGGAGAAATCCAAAGAGTTGCCCGGGATCAGGTGTGTCAACAAGAGATATTAAGAAGCTT
 CTGACCCAGTATACCAAGTTTGCACAGATGGTCAAAAAGATGGGAGGTATCAAAGGACTTTTCAAAGGCG
 GTGATATGTCTAAGAATGTGAGTCAGTACAGATGGCAAATTAACCAACAAAATGGCCAAAATGATGGA
 CCCACGAGTCTTCATCACATGGTGTGTGACTTCTTGGAGAGAAGATTGCGTCAGTTTTGGGCATCAGC
 ACCCAAATAACAGTACGCCATTGATGAG

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG208026 representing BC005543
 Red=Cloning site Green=Tags(s)

MVLADLGRKITSALRSLSNATIINEEVLNAMLKEVCTALLEADVNIKLVKQLRENVKSAIDLEEMASGLN
 KRKMIQHAVFKELVKLVDPGVKAWPTKGGKQNVIMFVGLQGSGKTTTCSKLAYYYYQRKGWTKLICADTF
 RAGAFDQLKQNAKARIPFYGSYTEMDFVIIASEGVKFKNENFEIIIVDTSGRHKQEDSLFEMLQVSN
 AIQPDNIYVMDASIGQACEAQAFAKDKVDVASVIVTKLDGHAKGGALSAVAATKSPIIFIGTGEHID
 NFEPFKTQPFISKLLMGDIEGLIDKVNELKLDNKALIEKWKHGQFTLRDMYEQFNIMKMPFSQILG
 MIPFGTDFMSKNEQESMARLKKLMTIMDSMNDQELDSTDGAKVFSKHPGRIQRVARGSGVSTRDIQEL
 LTQYTKFAQMVKKMGGIKGLFKGGDMSKNVSQSQMAKLNQMAKMMMPRVLHMMVCDFLGKIASVLGIS
 TPKYQYAIDE

TRTRPLE – GFP Tag – V

Restriction Sites:

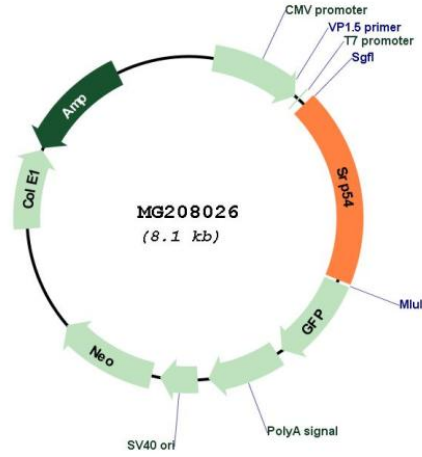
Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: BC005543

ORF Size: 1502 bp

OTI Disclaimer:	<p>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 or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
OTI Annotation:	<p>This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.</p>
Components:	<p>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).</p>
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:	<p>BC005543, AAH05543</p>
RefSeq Size:	<p>1986 bp</p>
RefSeq ORF:	<p>1502 bp</p>
Locus ID:	<p>24067</p>
Cytogenetics:	<p>12 C1</p>