

Product datasheet for **MG206754**

Serpina11 (BC024087) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Serpina11 (BC024087) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Serpina11
Synonyms: MGC37881
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG206754 representing BC024087
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGGCCAGTGTGGCTGTGGCTGTGGCTGCTGGTAGCCGAGGTCTGCTTCTGTCCATTGTCAGCCAT
 TTTCTGCCATGGAGATAAGAGTCTGGGGCATCTCAACCAGCCAGTACCAGTCCCTGGAGCCAGCACC
 CGCCTATACAAGGTCACACCCACCATTACGAATTTTGGCTTTCGCTCTATAACAAGCACTAGCAGAGGAA
 GTAGCGGAAACATCCTTTCTCCCCGTGAGCCTCTCCAGCAGCCTGGCTCTGCTGTCTTTGGGGCAC
 ATGCTGACACCCAGACTCAAATCTGGAGAGCCTGGGCTTCAACCTCACAGAGACCCAGCAGCTGACGT
 CCACCGGGTTTTCCAGAGCCTCCTGCACACTCTTGACCTCCCCAGCCCCAACTGGAAGTAACTGGGA
 CATTCCCTGTTCTAGACAGACAGCTGAAGCCTCAGCAACGTTTTCTGGACAGTGCCAAGGAACTGTATG
 GAGCTCTGGCCTTTCTGCCAATTCACAGAAGCAGCTGCCACAGGGCAGCAGATCAATGACCTAGTGAG
 GAAGCAGACCTACGGGCAGGTGGTGGGCTGTCTCCCGAGTTCAGCCATGACACTCTCATGGTTCTTTG
 AACTACATCTTCTTCAAAGCCAAGTGAAGCATCCCTTTGATCGTACCAGACCCGGAAGCAGGAAAGCT
 TCTCCCTGGACCAGAGGACGCCACTCCGAATCCCATGATGCGACAGAAGGAAATGCACAGGTTCTGTGA
 CGACCAGGAGGCGTCGTGCACTGTCTCCAGATCGAGTACAGTGGCACCCGCTTGGCTGCTGCTGGTCCCT
 CCTGACCTGGGAAGATGCAGCAGGTAGAGGCTGCCCTCCAGCCAGAGACGCTGAGAAGTGGGGCCAGC
 GGTTCCTGCCAGTCTGTTGGATTTGCACCTGCCAAGTTTTCAATTTCCGCAACTTACAACCTGGAAGA
 GATCCTGCCCTCATTGGTCTTGGAACCTATTGACATGGAAGCTGACTTATCAGGAATTATGGGGCAA
 CTCAACAAAAGTGTCTCCAGGTGTACACAAGGCCATCGTGGACATGAACGAGAAGGAACTGAGGCTG
 CAGCTGCCTCTGGCCTCTGTCCAGCCCCAGCCCTGAACATGACATCAGCCCCACAGGCCACTATAA
 CAGGCCCTTCTGCTTCTGCTCTGGGAGGTGACCACCCAGAGTCTGCTCTTCTGGGAAAGTGGTCAAC
 CCAGCTGCTGGG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG206754 representing BC024087
 Red=Cloning site Green=Tags(s)

MGPVWLWLWLLVAEVLLPVHCQPFSAHGDKSLGASQPASHQSLEPAPAYHKVTPITNLFALRLYKQLAEE
 VAGNILFSPVSLSSSLALLSLGAHDTQTQILESLGFNL TETPAADVHRGFQSLHLTLDLPSPKLELKLK
 HSLFLDRQLKPKQRFLDSAKELYGALAFSANFTEAAATGQQINDLVRKQTYGQVVGCLPEF SHDTLMVLL
 NYIFFKAKWKHPFDROYTRKQESFSLDQRTPLRIPMMRQKEMHRFLYDQEASCTVLQIEYSGTALLLLVL
 PDPGKMQQVEAALQPETLRRWGQRFPSLLDLHLPRFSISATYNLEEILPLIIGLGNLFDMEADLSGIMGQ
 LNKTVSRVSHKAIIVDMNEKGTEAAAASGLLSQPPALNMTSAPQAHYNRPFLLLLWEVTTQSLFLGKVVN
 PAAG

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: BC024087

ORF Size: 1274 bp

OTI Disclaimer: 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](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [BC024087](#), [AAH24087](#)

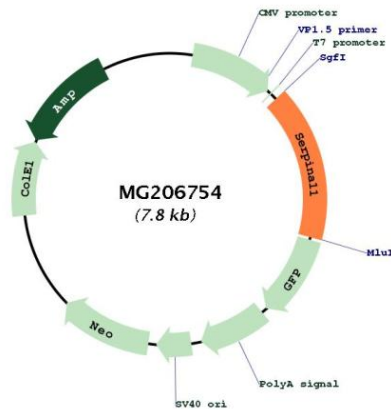
RefSeq Size: 1456 bp

RefSeq ORF: 1274 bp

Locus ID: 380780

Cytogenetics: 12 E

Product images:



Circular map for MG206754