

## Product datasheet for **MG206375**

### Serpini2 (NM\_026460) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Serpini2 (NM_026460) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Serpini2
Synonyms:	Spi14
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206375 representing NM_026460 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAATAAGACCATTGTGGAGTTTTCTACTATTTTTCTGGAAGTCAAACCTCAAGAGCGACTGACC  
AAAAAATGCTGACTTTGCAGTGGATCTTTATAAAGCTATTTCTTTATCCACAAGAACAACATTATATT  
TTCCCTCTTGAACCACTATGCTTCTTGAATGGTCCAACAGGTGCAAAAGGAAAAGCACAACAGCAG  
ATCCTGAAGACTTAAAGGATGCGGGGAACCCAGCAGGAGAGGAATTTCTGTGTTGAAGTCACTTTTT  
CAGCCATCTCAAAGAAGAAGCAGGAATTTACATTTAATCTTGCCAGTGCCCTCTACCTTCAAGAAGGATT  
CATTGTGAAGGAAACATATCTCCATAGCAACAAGGAGTTTTTTCAGAGTGTACAAAACCTGGTGGATTTT  
CTGGATGCAAAGACTTCTGCACAGGCAATAAGCACCTGGGTAGAAAGCAAACAGATGGAAAAATAAAA  
ATATGTTTTAGAGGAAGAAATTTGGCCCTTGACTCGTCTGGTCTGGTGAATGCCATTTATTTAAGGG  
GGATTGGAACAGAAATTCAGAAAAGAAGACACAGAGATGACAGATTTTACTAAGAAAGATGGCTCTACA  
GTAAAGGTTCCAATGATGAAGGCTCTGTTGCGAGCACAATATGTTATTTTTCTCAGTCATCCATGACAT  
GTCAAGTTTTGGAATGCCTTACAAGGCTGATGAGTTTAGTTTAGTCATCATTCTCCCACGGAAGACAC  
GAGCATCGAAGAAGTGGAAAACCAAGTTACTGCTCCTCACGTCCGGAGATGGTTCTCCGAGCTGCATGAA  
GAGGAGGTGGAAGTCAGCCTCCCTCGATTTAAAATAGAACAATAAATAGACCTCAAAGAAGCATTATATT  
CTTTAAATGTAAGTAAATATTTAGTGGTGGCTGTGACCTTTCTGGAATAACAGACTCATCTGAAGTCTA  
TGTCTCCAGAGTCATGCAGAAAGTTTTCTTTGAGATAAATGAAGATGGAAGCGAAGCTGCAGCATCCACA  
GGCATAAACATTCTGCGATCATGAGTTTGACTCAGACTCAATTTCTAGCAAATCATCCATTTCTGTTTA  
TTTTGAAGCACATCCGAACAGAATCAATTTGTTTATGGGAAAGGTGACAGATCTGACATTCAAACAAC  
GAAAGGAAGAGATTTAGATTCAGT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG206375 representing NM\_026460  
 Red=Cloning site Green=Tags(s)

MNKTILWSFLLFFSGSQTSRATDQKIADFVLDYKAISLSHKNNIIFSPLGTTMLLGMVQLGAKGKAQQQ  
 ILKTLRMRGTPAGEEFSVLKSLFSAISKKKQEFTFNLASALYLQEGFIVKETYLHSNKEFFQSATKLVDL  
 LDKTSAQAISTWVESKTDGKIKNMFSEEEFGPLTRLVLVNAIYFKGDWKQKFRKEDTMTDFTKKDGST  
 VKVPMKALLRAQYGYFSQSSMTCQVLELPHYKADEFSLVIIILPTEDTSIEEVENQVTAPHVRRWFSELHE  
 EEVEVSLPRFKIEQKLDLKEALYSLNVTEIFSGGCDLSGITDSSEVYVSRVMQKVFVEINEDGSEAAAST  
 GINIPAIMSLTQTQFLANHPFLFILKHIRTESILFMGKVTDPIQTTKGRDLDSL

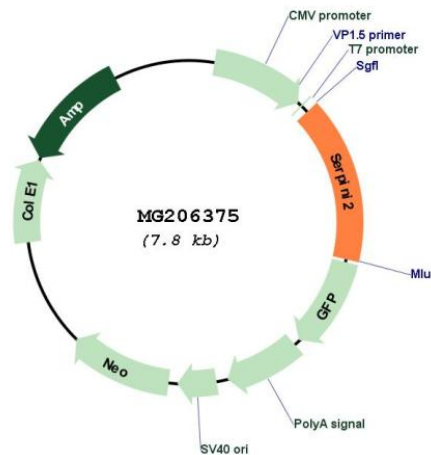
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_026460

<b>ORF Size:</b>	1215 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_026460.3</a> , <a href="#">NP_080736.2</a>
<b>RefSeq Size:</b>	1425 bp
<b>RefSeq ORF:</b>	1218 bp
<b>Locus ID:</b>	67931
<b>UniProt ID:</b>	<a href="#">Q9JK88</a>
<b>Cytogenetics:</b>	3 E3