

## Product datasheet for **MC204524**

### Serpina3k (NM\_011458) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Serpina3k (NM\_011458) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Serpina3k  
**Synonyms:** 1300001I07Rik; contrapsin; D12Rp54; MMCM2; MMSpi2; RP54; Spi-2; Spi2  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC016407  
AGCCACAACCCTGAACATCAGGAGTCAGCTATCACAGAGGCTCTGCAGCCTGGAGAACAGAGAAGATGGC  
CTTCATTGTAGCTATGGGATGATCTTAATGGCTGGAGTCTGTCTGCTGCTATGCTTCCCAGATGGC  
ACAAAGGAAATGGACATTGTATTCCATGAACACCAAGACAATGGGACACAAGATGACAGTCTCACATTGG  
CCTCCGTCACAACTGACTTTGCCTTCAGCCTGTACAAGAAGCTGGCTTTGAAGAATCCAGATACAAATTT  
TGTCTTCTCCCCACTTAGCATCTCAGCTGCCTTGGCCCTTGTGTCCCTGGGAGCAAAGGGCAAGACCATG  
GAAGAGATTCTAGAAGGCCTCAAGTTCAATCTCACAGAGACCCCTGAAGCAGACATCCACCAGGGCTTTG  
GCAACCTCTACAGAGTCTCAGCCAGCCAGAAGACCAGGATCAGATAAACATAGGCAATGCCATGTTTAT  
TGAAAAGGACCTGCAGATCCTGGCAGAATTCCATGAGAAGACAAGGGCTCTGTACCAGACTGAGGCCTTC  
ACAGCAGACTTCCAGCAGCCTACTGAGGCCAAAAACCTCATCAATGACTATGTGAGCAATCAGACCCAGG  
GAATGATCAAGGAACTCATCTCAGAAGTGGATGAGAGGACATTGATGGTGTGGTGAATTACATCTACTT  
TAAAGGCCAAATGGAAGATATCCTTTGACCCCCAGGACACATTTGAGTCTGAGTTCTACTTGGATGAGAAG  
AGATCTGTGAAGTTCCCATGATGAAAATGAAATTAAGTACTGACCACACGCCACTTCCGTGATGAGGAGCTAT  
CGTGCTCTGTGTTGGAGCTGAAGTACACAGGAAATGCCAGCGCCCTGCTCATCCTCCCTGACCAGGGCAG  
GATGCAGCAGGTGGAAGCCAGCTTACAACCAGAGACCCTGAGGAAATGGAGGAAAACCTTTGTTTCCCAGC  
CAAATAGAGGAGCTAAACCTGCCAAGTTCTCCATCGTAGTAACACAGGCTGGAGGAGGATGTCTTTC  
CAGAAAATGGGGATTAAGGAAGTCTTACCGAACAAGCTGACCTATCTGGGATCACAGAAAACCAAGAACT  
GAGTGTGTCTCAGGTGGTCCACAAGGCTGTGCTGGATGTGGCTGAGACAGGCACAGAAGCAGCTGCTGCC  
ACAGGGGTTATTGGTGGCATTTCGTAAGGCCATATTACCAGCTGTGCATTTCAACAGGCCATTCTGTGTTG  
TTATCTATCACACAAGTCTCAGAGTATCCTCTTTATGGCCAAAGTCAATAACCCCAAGTAGACCTAAAG  
CTCACCAGTTCTCATGTTCTGCCAGGGCTCTGGGACAAAGTCTGCATGTGGATCTCTATATACATCC  
TGTCTTCAAGCTCTGATTGGCTGTTGCAAATTTGGCTTAGACAGCTACATTAACATCTCTGTGATCCC  
ACATGCACATAAGACTTTGGACTCTCAGTGTGAGGCTCTCGTTGTCTTGGGAGCATCTGTGCATATTTT  
TGAACCTGGAATCTGCCTTTATTCTTCTCCCGGGTGACTCCTCTTTATGTGTCTGTACCCCAAACCTAG  
GCATTTGCAAATACACAGAGTTCCAATACCGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI



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ACCN:	NM_011458
Insert Size:	1257 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).
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"><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>
RefSeq:	<a href="#">BC016407</a> , <a href="#">AAH16407</a>
RefSeq Size:	1669 bp
RefSeq ORF:	1257 bp
Locus ID:	20714
UniProt ID:	<a href="#">P07759</a>
Cytogenetics:	12 53.99 cM
Gene Summary:	Contrapsin inhibits trypsin-like proteases.[UniProtKB/Swiss-Prot Function]