

## Product datasheet for MC213057

### Serpib6d (NM\_001076790) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Serpib6d (NM\_001076790) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Serpib6d  
**Synonyms:** Gm11390; SP; SPI3D  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC213057 representing NM\_001076790  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGATCCTCTGCCGAAATTAATACTAAATTTGCCTTCAAACCTTTTGAAGCACTGGATGACGACCT  
CAAAAAATATATTTTTATCACCCCGAGCATTGCTTCATCCCTGGCCATGACCTTATTGGGAGCAAAGGA  
AAACACTGCAAGGCAGATAAGGCAGACACTTTCTTTGGATAAATGCAGCAGTGATCCATGTGAAGATATC  
CACCAGGACTTCCATTTACTTCTCAATGAAGTGAACAAGACTGATCCTGGGATCATACTCAAACAGAAA  
ACAGGCTCTTCGTGAAAAGACATTCCATATTAATAAATCTTTTAAAGATGCCAGCCAAAAGTTCTACAA  
AGCAGAGATAGAAGAACTGGACTTTAAGGGTGATACAGAGCAATCCCGACAGCACATCAACACCTGGGTA  
ACCAAAAAACAGACGAAAAAATCAAAGACCTGCTATCTCCAGGTTCAAGTGAATTCAAACACTAGACTGG  
TCCTTGTTAATGACTTCTACTTCAAAGGATACTGGGAGAAGCCATTTAATAAAGAGGACACCAGGGAAAT  
GCCTTTCAGAGTCAGCAAGAATGTGGTGAACCTGTGCAAATGATGTTTCAAAGTCTACCTTTAAGATA  
ACCTATATAGAAGAGATATCCACCAAGATTCTGTTGCTTCCTATGCTGGGAATAAGCTGAACATGATCA  
TCATGCTCCAGATGAACATGTTGAACCTAGAATGTTGGAAAAGAAAATGACTTATGAGAAATTTGTAGA  
GTGGACAAGTCTGGACAAGATGAATGAAGAAGAGGTGGAGTTTTCTCCACGTTTTAAGCTGGAGGAG  
ATCTATGACATGAACAATGTTCTTTACAAGATGGGCATGACTGATGCCTTTGAGGAGGGCAGAGCAGACT  
TTTCTGGAATATCTTCCAAGCAAGGCTTGTCTGTCCAAGGTCATATATAAGGCCTTTATAGAAGTGAT  
TGAGAAGGGCACAAAGGTTGCAGCTGCCACAGATATTGTGATGATGGGTGCATCACCACACTACCCACACT  
TTCTGTGCTGACCACCCCTTTATTTTTACCCATATGACCGAAGATTTTATGATCATTGGCAGGTTCTCT  
CTCCCTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



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<b>ACCN:</b>	NM_001076790
<b>Insert Size:</b>	1128 bp
<b>OTI Disclaimer:</b>	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).
<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>NM_001076790.2, NP_001070258.1</u>
<b>RefSeq Size:</b>	1467 bp
<b>RefSeq ORF:</b>	1128 bp
<b>Locus ID:</b>	238568
<b>Cytogenetics:</b>	13 13.94 cM
<b>Gene Summary:</b>	<p>This gene is a member of the large Serpin gene family. Many members of this family act as protease inhibitors, and have a conserved structure including a reactive center loop (RCL) that can act as a bait for protease targets. Unlike some members of this large gene family, the protein encoded by this gene is an intracellular protein, and lacks an N-terminal signal peptide sequence. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 13. [provided by RefSeq, Jul 2014]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein.</p>