

## Product datasheet for MC209443

### Serpinb8 (NM\_011459) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Serpinb8 (NM\_011459) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Serpinb8  
**Synonyms:** CAP-2; CAP2; NK10; ovalbumin; Spi8  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC209443 representing NM\_011459  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGATGACCTCAGTGAAGCCAATGGGTCTTTTGCCATCAGTCTATTAATACTGAGTGAAAAAGACA  
 AGTCACGAAACCTGTTCTTCTGCCCCATGAGTGTCTCCTCAGCCCTGGCCATGGTCTACCTTGGAGCCAA  
 AGGAAACTGCTACCCAGATGTCTGAGTACTTGGTTTGAGTGGAAATGGAGATGTTTCATCAAAGTTTC  
 CAGACACTTCTCGCTGAAATTAACAAAACCTGCACTCAGTACTTGTAAAAAGTGCCCTGCCGACTCTTTG  
 GAGAAGAATCGTGTGATTTCTTTGACCTTCAAGGAATCCTGCCACAAATTCATCAGGCTGGACTAGA  
 AGAGCTGTCTTTGCTAAAGACACAGAAGGGTGCAGGAAACACATCAATGACTGGGTGTCGGAATAA  
 GAAGGTAATAATTTCTGAAGTTCTGAGTCTGGAACAGTCTGCCACTGACTAAGCTGGTTCTTGTGAATG  
 CCATGTATTTCAAAGGGAAGTGAAGGCTCAGTTTGACCGAAAGTACACGAGAGGCATGCCCTTTAAAC  
 TAATCAGGAGAAAAAACAGTGCAGATGATGTTCAAGCATGCTAAATTAAGATGGGCATGTGGACGAG  
 GTGAACATGCAGTTCTGGCTCTGCCCTATGCCGAGGAAGAGCTGAGCATGGTCATTCTCCTTCTGATG  
 AAAGCACTGATCTCGCCGTGGTGGAAAAAGCACTTACATATGAGAAGCTTAGACCTGGACAAACCCAGA  
 AACCTGACAGAAAGTCAAGTGCAAGTCTTTTACCCAGATTAAGCTGGAGGAGAGTTACGACCTGGAA  
 ACTGTACTTCAGAATTTGGGAATGACAGATGCCTTTGAGGAAACAAAGGGCTGACTTCTCTGGCATGACAA  
 CTAAGAAGAATGTGCCGTGTCCAAGGTTGCCACAAGTCTTTGTGGAGGTCAATGAGGAAGGCACCGA  
 AGCAGTCTCGGCCACTGCAGTGATTAGGAACGCCCGGTGTGTAGAACAGAACCAAGTTCTGTGCTGAC  
 CACCCATTCTTTCTTTATCTGGCACCACAAAACAGTAGCATCTTGTCTGTGGCAGTTCTCTTCTC  
 CATAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



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<b>ACCN:</b>	NM_011459
<b>Insert Size:</b>	1125 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><a href="#">NM_011459.4</a></u> , <u><a href="#">NP_035589.1</a></u>
<b>RefSeq Size:</b>	3075 bp
<b>RefSeq ORF:</b>	1125 bp
<b>Locus ID:</b>	20725
<b>UniProt ID:</b>	<u><a href="#">O08800</a></u>
<b>Cytogenetics:</b>	1 E2.1
<b>Gene Summary:</b>	<p>Has an important role in epithelial desmosome-mediated cell-cell adhesion.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>