

Product datasheet for **MC206411**

Serpinb7 (BC064004) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Serpinb7
Synonyms:	megsin, ovalbumin
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF: >BC064004
 CCCAACCAAGCTGCAACTTCCTCTATGAAGAGAGTAAGGCAATACTTGGTTTCAAAATGGCCTCCCTTGCT
 GCAGCAAAATGCAGAAATTTGGCTTCGACTTATTCAGAGAGATGGATAGTAGCCAAGGAAATGGAAATGTAT
 TCTTCTCTTCCCTGAGCATCTTCACTGCCCTGACCCTAATCCGTCTGGGTGCTCGAGGTGACTGTGCACG
 TCAGATTGACAAGGCACTGCACTTTAACATACCATCAAGACAAGGAAACTCATCTAATAATCAGCCAGGA
 CTTTCAGTATCAATTGAAAAGAGTTCTTGTGACATAAACTCATCTCATAAGGATTATGAACTCAGCATTG
 CCACTGGAGTTTTTGCAGAAAAAGTCTATGACTTTCATAAGAACTACATTGAGTGTGCTGAAAACTTATA
 CAATGCTAAAGTGAAAGAGTTGACTTCACAAATGATGTACAAGATACCAGATTTAAATTAATAAATGG
 ATTGAAAATGAGACACATGGAAAGATCAAGAAAGGTGTTGGGCGACAGCAGCTCAGCTCGTCGGGTGTCA
 TGGTGTCTGGTGAACGCTGTTTACTTCAAAGGCAAAATGGAAATCGGCCTTACCAAGACTGATACCCTCAG
 TTGCCGTTTTAGGTCTCCACGTGTCTGGAAAAGTAGTTAATATGATGCATCAAGAACGGCGGTTCAT
 TTGTCTACCAATTCAGCAGCCACCAATGCAGGTTCTTGAGCTCCAATATCATGGTGGCATAAGCATGTACA
 TTATGCTGCTGAGGATGGCCTATGTGAAATTGAAAGCAAGCTGAGTTTCCAGAATCTGATGGACTGGGC
 CAATAGGAGGAAAATGAAATCTCAGTATGTGAACGTGTTTCTCCCCAGTTCAAGATAGAGAAGAATTAT
 GAAATGACGCACCACTTGAAATCCTTAGGCTTGAAAGATATCTTTGATGAGTCCAGTGCAGATCTCTCTG
 GAATTGCCTCTGGAGGTGCTCTACGTATCAAAGCTAATGCACAAGTCATTATAGAGGTCTCAGAGGA
 GGGCACTGAAGCCACTGCTGCCACAGAAAATAACATTGTTGAAAAGCAGCTTCTGAGTCCACAGTGTTT
 AGAGCCGACCGCCCTTCTGTTTGTCTATCAAGAAGATGACATCATCTTATTTACTGGCAAAGTCTCTT
 GTCTTGAATTCGATTTGGTTTCTATACAGTAACAGGCATCAAGAAGCATCATAAGTGAATAGAATTG
 TAATTGGAAATACATGGGTTTGTCTTGTGATTGTTTCAGTGCATTGATGGTCAGCAAAATGATCTGGTGAC
 TTAATCTTTTTCGATACCTGGTTGATAGTCTAAATGCCTGCTCTCATCTTTCTACTCCATTTACTTCCC
 TTTGTCTAATACTATTGACCCATCTGGGTTTGTATCCACTCACAAGAGAATGCAGGGGCTGCCTGTAGA
 AACTTTTACATTTAAATCCTGAGTTTTCAGAGACATTCCTGATTCATGATACAACAATCTAAAAAGTAA
 GCCCATTTGTTTCTCAGAAACCAGAAATGAAGGCTAACTCATTCTTGAGAAACAAGATGATGCTAGTATTT
 CCTTCAGTATGCTTGAATTCACAATCACTGTAATAATCAGGGACTCAAAAATACAGAAATTAAGATTGGTA
 AGCAACCAAGTATTTTCAATTAATACTTCAAAATTTATAGCCTTTGGCATTCCTGGGTAAGACCTAATATG
 TACATAATTTTCAATATTAAGTATTTTTTAAATGTTGGCAGTTGTTATTTGCAGAAATTTATTTTCGTAT
 TCTTTTGAGATCCTGAGTATTTTCTCATGTTTCTCATAATAAAGATGTATAACACCTGCAAAAAAAAAAAAA
 AA AAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: BC064004

Insert Size: 1143 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:

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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC064004</u> , <u>AAH64004</u>
RefSeq Size:	1974 bp
RefSeq ORF:	1143 bp
Locus ID:	116872
Cytogenetics:	1 E2.1
Gene Summary:	Might function as an inhibitor of Lys-specific proteases. Might influence the maturation of megakaryocytes via its action as a serpin (By similarity).[UniProtKB/Swiss-Prot Function]