

Product datasheet for **MC204591**

Serpib6a (NM_009254) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Serpib6a (NM_009254) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Serpib6a
Synonyms:	4930482L21Rik; D330015H01Rik; ovalbumin; PI-6; Serpinb6; Spi3
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC057950
 CTTGCTACCAGTCCGAAATCGAGAATCTAGGAGAATCTAGGGCTCACCATCATGGATCCTCTACAGGAA
 GCAAATGGCACCTTTGCCTTAAACCTTTTGAAAACTACTGGGTGAAGACAGCTCAAAAAATGTATTTTGT
 CACCCATGAGCATATCCTCAGCCCTGGCTATGGTCTTCATGGGGGCAAAAGGAACCACTGCTAGCCAGAT
 GGCTCAGGCACCTTGGTAAATGCAGCGGAATGGAGGTGGAGATGTCCACCAGGGCTTCCAGTCC
 CTTCTCACCGAAGTGAACAAACTGGCACACAGTACTTGCTCAGAACAGCCAACAGGCTCTTCGGGGATA
 AGACTTGTGATCTTTAGCGTCTTTAAAGATTCTGCCTCAAGTTCTATGAAGCAGAGTTGGAAGAGCT
 GGACTTTCAGGGTGTACAGAGGAGTCCCAGCACATCAACACCTGGGTAGCCAAAAAGACAGAAGAT
 AAAATCAAAGAGGTGCTGTCTCCAGGTACAGTGAATTCTGATACATCGCTAGTCTTGTGAATGCCATCT
 ACTTCAAAGGAACTGGGAGAAGCAGTTTAAACAAAGAGCATAACCAGGGAGATGCCATTCAAAGTCAGCAA
 GAATGAGGAGAACTGTGCAAATGATGTTTAAAGAGTCTACCTTAAAGATGACCTATATTGGAGAGATA
 TTTCACTAAGATTCTGTTGCTTCCCTATGTCAGCAGTGAGCTGAACATGATCATCATGCTTCCAGATGAGC
 ACGTTGAACTGAGTACAGTGAAAAGGAAGTAACTTACGAGAAATTTATAGAGTGGACAAGGCTGGACAA
 GATGGACGAAGAAGAGGTAGAAGTATTTCTCCAAAGTTTAAAGCTGGAGGAGAATTACAACATGAACGAT
 GCCCTCTACAAGTTGGGCATGACTGATGCCTTTGGCGGCAGGGCAGACTTTTCTGGAATGTCTTCCAAGC
 AAGGCTTGTCTGTCTAAGGTTGTGCATAAAGCCTTTGTGGAGGTTAATGAGGAGGGCACAGAGGCTGC
 AGCTGCTACAGCTGGCATGATGACGGTGAAGTGCATGAGATTTCACTCCCCGCTTCTGTGCCGACCACCC
 TTCTTTTCTTTCATTACCATGTTAAGACCAATGGAATTTCTGTTCTGTGGCCGGTTCTCTCTCCCTGAG
 CAAAGGGTATTCTGTGAGTCTTTGACCCTCTCTCCATGGTTTGTGTAACCCAAGTGACCTTATCCATA
 AGTGCAATGGCAATTATGAAAATAAGGGCTTTATGGCACCCACCTTCAGAAAAAAAAAAAAAAAAA

Restriction Sites:	RsrII-NotI
ACCN:	NM_009254
Insert Size:	1137 bp



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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">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.
RefSeq:	BC057950 , AAH57950
RefSeq Size:	1325 bp
RefSeq ORF:	1137 bp
Locus ID:	20719
UniProt ID:	Q60854
Cytogenetics:	13 14.0 cM
Gene Summary:	<p>Inhibitor of cathepsin G, kallikrein-8 and thrombin. May play an important role in the inner ear in the protection against leakage of lysosomal content during stress. May be involved in the regulation of serine proteinases present in the brain or extravasated from the blood. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and uses a downstream, in-frame start site, compared to variant 1. The encoded isoform (b) has a shorter N-terminus, compared to isoform a. Variants 2, 3 and 4 encode the same isoform. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>