

Product datasheet for **MC227375**

Serpib6a (NM_001243192) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Serpib6a (NM_001243192) Mouse Untagged Clone
Tag: Tag Free
Symbol: Serpib6a
Synonyms: 4930482L21Rik; D330015H01Rik; ovalbumin; PI-6; Serpib6; Spi3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227375 representing NM_001243192
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGATCCTCTACAGGAAGCAAATGGCACCTTTGCCTTAAACCTTTTGAAAATACTGGGTGAAGACAGCT
 CAAAAATGTATTTTGTACCCATGAGCATATCCTCAGCCCTGGCTATGGTCTTCATGGGGCAAAGG
 AACCACTGCTAGCCAGATGGCTCAGGCACTTGCTTTGGATAAATGCAGCGCAATGGAGGTGGAGATGTC
 CACCAGGGCTTCCAGTCCCTTCTCACCGAAGTGAACAAAACCTGGCACACAGTACTTGGCTCAGAACAGCCA
 ACAGGCTCTTCGGGGATAAGACTTGTGATCTTTTAGCGTCTTTTAAAGATTCTGCCTCAAGTTCTATGA
 AGCAGAGTTGGAAGAGCTGGACTTTTCAGGGTGCTACAGAGGAGTCCCAGCAGCACATCAACACCTGGGTA
 GCCAAAAAGACAGAAGATAAAATCAAAGAGGTGCTGTCTCCAGGTACAGTGAATTCTGATACATCGCTAG
 TCCTTGTGAATGCCATCTACTTCAAAGGAACTGGGAGAAGCAGTTTAAACAAAGAGCATACCAGGGAGAT
 GCCATTCAAAGTCAGCAAGAATGAGGAGAACTGTGCAAATGATGTTTAAAGAGTCTACCTTTAAGATG
 ACCTATATTGGAGAGATATTCATAAGATTCTGTTGCTTCCCTATGTCAGCAGTGAGCTGAACATGATCA
 TCATGCTCCAGATGAGCACGTTGAAGTACAGTGGAAAAGGAAGTAACTTACGAGAAATTTATAGA
 GTGGACAAGGCTGGACAAGATGGACGAAGAAGAGGTAGAAGTATTCTCCCAAAGTTTAAAGCTGGAGGAG
 AATTACAACATGAACGATGCCCTCTACAAGTTGGGCATGACTGATGCCTTTGGCGCAGGGCAGACTTTT
 CTGGAATGTCTTCAAGCAAGGCTTGTCTGTCTAAGGTTGTGCATAAGGCCTTTGTGGAGTTAATGA
 GGAGGGCACAGAGGCTGCAGCTGCTACAGCTGGCATGATGACGGTGGAGTGCATGAGATTCACTCCCCGC
 TTCTGTGCCGACCACCCCTTCTTTTCTTCACTCACCATGTTAAGACCAATGGAATTCTGTTCTGTGGCC
 GGTCTCCTCTCCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001243192
Insert Size:	1137 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001243192.1</u> , <u>NP_001230121.1</u>
RefSeq Size:	1504 bp
RefSeq ORF:	1137 bp
Locus ID:	20719
UniProt ID:	<u>Q60854</u>
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 (4) 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: 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>