

Product datasheet for MC209187

Serpinb2 (NM_001174170) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Serpinb2 (NM_001174170) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Serpinb2
Synonyms:	ovalbumin; PAI-2; Planh2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC209187 representing NM_001174170 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAAGAAGTTCCATGGCAAACACCATGTTTGCCTCAATCTCCTTAAGCAGATAGAAAAATCAAAC
CTACCCAGAACATCTTTATCTCTCCATGGAGCATCTCATCAACATTGGCCATAGTTCTCCTCGGTGCTGG
GGGTAACACTGAACAGCAGATGGCCAAAGTGCTGCAGTTAATGAAATTGGCAGTTATGGTATCACCACA
AGAAACCCAGAGAAGTTCAAGTGGCTGTGATTTTCGCACAACAGATACAGAAGGAAAATTATCCTAGTGCTA
TTTTACAGGCACAAGCAGGAGATAAAATCCATTAGCCTTCTCCTCTCAGCTCAACAATCAACACACC
ACAGGGGGATTATTTGTTAGAAAGTGCAAACAAGCTGTTTGGAGAGAAGTCTGCAAGATCAAGAAGAA
TACATCCAACCTCTAAGAAATATTACTCAACAGAACCAGAAGCAGTGGACTTCTTGAATGTGCTGAAG
AAGCTAGGAAAAGATTAATTCTTGGGTCAAGACTCAAACCAAAGGTGAAATCCCAAACCTGCTACCCGA
AGGTTCTGTAGATGAAGACCAAGATGGTGTGGTGAATGCTGTCTACTTCAAAGGAAAGTGGAAAAC
CCATTTGAGAAGAACTTAATGGGCTTTATCCTTTCCGTGTGAAGTGCATGAGAGCATACCTGTCCAGA
TGATGTTCCCTCCATGCAAAGCTGAACATTGGATACATAAAGGACCTGAAGACTCAGATCCTAGAATTCC
GCATACTGGAAACATCAGCATGCTCCTGTTGCTTCCCGATGAGATTGAGGACGCATCCACTGGCTTGAA
TTGCTGGAAAGTGAATAAACTTTGCCAACTTCAACAAGTGGATCAGCAAAGACACACTGGATGAAGATG
ATGTTGTGGTCTACATTCCTCAAGTTCAAACCTGGCACAAGCTACGAACTCAAGTCCATTCTTCAAAGCAT
GGGCATGGAGGATGCCTTCAACAAGGGCAAGGCAACTTCTCAGGAATGTCTGAGAGGAATGACCTTTTT
CTTTCTGAGGTGTTCCATCAAGCCAGCGTGGATGTACCAGGAGGGCACTGTGGCAGCTGGTGGGACTG
GGGCAGTTATGACAGGAAGAAGTGGCCATGGTGGCCACAGTTTGTGGCCGATCATCCCTTTCTTTCTT
TATCATGGACAAAATTACCCACACGATACTATTTGTTGGTAGATTCTCCTCACCC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001174170
Insert Size:	1248 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:	<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_001174170.1</u> , <u>NP_001167641.1</u>
RefSeq Size:	1988 bp
RefSeq ORF:	1248 bp
Locus ID:	18788
UniProt ID:	<u>P12388</u>
Cytogenetics:	1 50.34 cM
Gene Summary:	<p>Inhibits urokinase-type plasminogen activator. The monocyte derived PAI-2 is distinct from the endothelial cell-derived PAI-1. Not required for normal murine development or survival. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants encode the same protein.</p>