

Product datasheet for RN213795

Serpinb2 (NM_021696) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Serpinb2 (NM_021696) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Serpinb2
Synonyms:	Pai2a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN213795 representing NM_021696 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAAGAACTGCCATGGCAAACACCATGTTTGCCTCAATCTCCTTAAGCAGATAGAACAATCGAACT
CTACCCAGAACATCTTTATTTCCATGGAGCATCTCATCCACATTGGCCATAGTTTTCTTGGTGCTCA
GGCTAACACTGAAGAGCAAATGGCCAAAGTGCTGAATTTGACAAAATTGGCAGCTACGACCTCACTCCA
GGAAACCCAGAGAACTTCCATGGCTGTGATTTGCACAACACATACAGAGGGACAATTATCCTGTTGCTA
TTTTACAGGCACAAGCAAGAGACAAAATCCATTAGCCTTCTCCTCTCTCAGCTCGACAATCAACACACC
ACGCTTGGGAGATTATTTACTAGAAAAGTCAAACAAGCTGTTGGAGAGAAAATCTGCAAGATTCAAAGAA
GAATACATACAACGCTGTAAGAAATATTATTCTACAGAACCAGAAGCAGTAGACTTCCTTGAATGTGCCA
ATGAAGCTAGAAAAAGATTAATTCTTGGGTTAAACTCAAACAAAGGTGAAATCCCAAACCTGCTACC
TGAAGTTCTGTAGACGAAGACACAAAATGGTCTGGTGAATACTATCTACTTCAAAGGACGGTGGAAA
ACTCCATTTCAGAAGAGACTTAATGGGCTTTATCCTTTCCGTGTGAATGAAAGCAAACCTGTCC
AGATGATGTACCTCCGTGAAAAGCTGAACATTGGATACATAAAGGACCTGAAGACTCAGATCCTAGAACT
TCCGTATATTGGAACATCAGTATGTTCTGTTGCTTCTGATGAGATCGAAGATTATCCACCGGCTTG
GAGATGCTGAAAAGGAAATAAACTTCGATAAATTCAACAAGTGGATCAGCAAAGAGACTGGATGAAG
ATGATGTTTTGGTCTACATTCCTCAAGTTCAAACCTGGCACAACAACTACGAACTCAAGCCCATTCTGCAACG
CATGGGCATGGAAGATGCCTTCAACAAGGGCAAGGCCGACTTCTCGGAAATGTCTGAGAGCAATGACCTT
TTTCTTTCTGAAGTGTCCATCAAGCCACAGTAGATGTGAACGAGGAGGGCACTGTGGCAGCTGGTGGGA
CTGGGGCAGTTATGACAGGGGAACTGGTCATGGTGGTCCACAGTTTGTGGCTGATCATCCCTTTCTTTT
CTTTATCATGAACAACATTACCCGCACCATACTATTTGTTGGTAGATTCTCTCACCC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_021696
Insert Size:	1251 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:	NM_021696.2 , NP_067728.1
RefSeq Size:	1942 bp
RefSeq ORF:	1251 bp
Locus ID:	60325
UniProt ID:	P29524
Cytogenetics:	13p11
Gene Summary:	plays a role in proteolytic degradation of extracellular matrices in tissue remodeling; mediates the entire process of periodontal wound healing [RGD, Feb 2006]