

Product datasheet for RN211911

Serpinb1a (NM_001031642) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Serpinb1a (NM_001031642) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Serpinb1a
Synonyms:	Serpinb1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN211911 representing NM_001031642 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGCAGCTGAGTTCAGCCAACAGCCTGTTGCGCTTGGAGCTGTTCCACACCCTGAGTGAAAGCAGCC
 CCACAGGAAACATCTTCTCTCCCTTCAGCATTTCTTCTGCTTGGCCATGGTCTTTCTGGGGACCA
 AGGCACCACTGCAGCCAGCTCTCTAAGACTTTTCATTCGACTCTGTTGAGGACGTTTCATTACGCTTT
 CAAAGCCTGAATGCTGAAGTGAGCAAGCGTGGAGCATCTCACACTCTGAAACTTGCCAACAGGCTGTATG
 GAGAGAAAACCTACAATTTCTTCTGAGTTCTTGACTTCAACTCAGAAGATGTATGGTGCTGACTTGGC
 CCCTGTGGATTTTCAGCATGCCTCTGAGGATGCAAGGAAGGAGATAAACCAGTGGGTCAAAGGTCAAACC
 GAAGGTAATAATCCAGAATCTTGGCTGTGGGTGTGGTGACAGCATGACCAAACTTGTGCTGGTGAACG
 CCATCTACTTCAAGGGGATGTGGGAGGAGAAATTCATGAAACAAGACACAACAGATGCTCCATTCGGCT
 GAATAAGAAAAACAAAAATCTGTGAAGATGATGATCAAAAGAAAAATTTTCTTTGGCTACATTTG
 GATCTGAAGTGCAAGGTGCTGGAGATGCCATACCAGGGTGGAGAACTGAGCATGGTCATCCTGCTGCCCC
 AAGACATTGAGGATGAGTCCACGGGTCTTAAGAAGATTGAGGAGCAAATAACTTTGGAAGAACTGCGTGA
 ATGGACCAAAACGTGAGAACTTGAAAAACATTGATGTCCATGTCAAATTGCCCGGTTCAAGATAGAAGAG
 AGCTACATCCTCAACTCGAACCTGGGCCGCTTGGGATTGCAGGATCTCTTAACAGTAGCAAGGCTGATC
 TGTCTGGCATGTGAGGATCCAGAGATCTTTTCATATCAAAATTTGCCACAAGGCCTTTGTGGAAGTGAA
 TGAGGAGGGAACAGAGGCAGCCGCTGCCACGGCAGGCATCGCTACATTCTGCATGTTGCTGCCCGAAGAA
 GAATTCACAGCGGACCATCCATTCATTTCTTCATTGCGCACAAACCCACAGCTAATGTGCTCTTCTTG
 GCAGGGTTTGTCCCA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001031642
Insert Size:	1140 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.
RefSeq:	<u>NM_001031642.1, NP_001026812.1</u>
RefSeq Size:	1289 bp
RefSeq ORF:	1140 bp
Locus ID:	291091
UniProt ID:	<u>Q4G075</u>
Cytogenetics:	17p12
Gene Summary:	Regulates the activity of the neutrophil proteases.[UniProtKB/Swiss-Prot Function]