

Product datasheet for RN215099

Serpina12 (NM_138825) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Serpina12 (NM_138825) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Serpina12
Synonyms:	Ol-64; Ol64
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN215099 representing NM_138825 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAACCTCGTGCTGGGCTGGGTCTGTTCTGGCAGGCCTCCTCACTGTGAAAGGTCTCCTGCAGGACA
GAGATGCTCCAGATACATATGAGTCTCCAGTCAGGTCCTCAAGAGTGGAGGGCAAGAAGGATGCCGGGA
GCTTACTCGGCACAACATGGAATTTGGCTTCAAGCTACTGCAGAGGCTGGCCAGCAACAGCCGTCAGGGG
AACATCTTCTTATCTCCACTGAGCATCTCAACTGCCTTCTCCATGCTGTCTCTGGGGGCCAAAACTCCA
CACTGGAGGAAATCAGGGAGGGTTTCAATTTCAAGGAGATGTCAGACAGGGACATGCACATGGGTTTCCA
CTACCTTCTCCAAAAGCTCAACCGGGAGACACAGGACGTAAGAGTGAAGCATAGGCAATGCTTTATTTATG
GACCAGAGGCTGAGGCCCAACAGAGGTTCTGAAACTGGCTAAGAACTTGATGATGCGGACATGATAC
TCACTAATTTCCAGGACTTAGAAAACACTCAGAAGAATATCAACAAGTACATCAGTCGGAAAACCCACAA
CAGAATCGAAAACATGGTCAAAAACATAGACCCAGGGACGGTGATGCTCCTCACAACTATATTTACTTT
CAAGGCAGGTGGCAGTATGAATTCGACCCAAAACAAACAAAGAGGAGGACTTCTTCATAGAGGAAGGCA
AGACCGTGAAGGTGCCATGATGTTCAAAGGGGCATGTACGACATGGCCTATGACAGTCAGCTCTCCTG
CACCATCTTGAAATGCCCTACCGAAGAACATCACGGCCACCTTTGTCCTTCTGACAGTGGCAAACCTG
AGGCTCCTGGAGCAGGGCTTGAAGCAGACATCTTTGCCAAATGAAAAGCCTTCTCTCTAAAAGAGTGG
TAGATGTGTGGGTGCCAGGCTCCACATCTCGGCTACTTACAACATGAAGAAGGTTCTGTCCCGCTGGG
CATCAGCAAAATCTTTGAAGAGCATGGTGACCTCACCCGCATCTCGTCTCATCGAAGCCTGAAGGTGGGA
GAGGCTGTGCACAAGGCTGAGCTGAGGATGAATGAGAAGGGCACAGAAGGAGCTGCAGGCTCGGGAGCCC
AGACACTGCCATGGAGACCCACGAAGGATGAAGCTAAACGCACCCTTCTGATGATGATTTATGAGAA
CCTCATGCCTTCCATGATCTTGGCAAGGATTTATAACCCTAGTGAGAA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_138825
Insert Size:	1245 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_138825.2 , NP_620180.2
RefSeq Size:	1487 bp
RefSeq ORF:	1245 bp
Locus ID:	191570
Cytogenetics:	6q32
Gene Summary:	human homolog is a serine protease inhibitor [RGD, Feb 2006]