

Product datasheet for **MC210681**

Serpina12 (NM_026535) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Serpina12 (NM_026535) Mouse Untagged Clone
Tag: Tag Free
Symbol: Serpina12
Synonyms: 4632419J12Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210681 representing NM_026535
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGACTCGCATGCTGGACCTGGGCTGTTTCTGGCAGGCCTCCTCACTGTGAAAGGTCTCCTGCAGGACA
GAGATGCTCCAGATATGTATGATTCTCCAGTCAGGGTCCAAGAGTGGAGGGGCAAGAAGGATGCCGGCA
GCTTGCTCGACACAACATGGAATTTGGCTTCAAGCTACTGCAGAGGCTGGCCAGCAATAGCCCTCAGGGA
AACATCTTCTATCCCCACTGAGCATCTCCACTGCCTTCCATGCTGTCTCTCGGGGCCAGAACTCCA
CACTGGAGGAAATCCGGGAGGGCTTCAACTTCAAAGAGATGTCAAAGTGGACGTCCATGCGGCTTTCCA
CTACCTTCTCCACAAGCTCAACCAGGAGACGGAGGACACAAAGATGAACTTAGGCAATGCTTTATTTATG
GATCAGAAGCTGAGGCCCAACAGAGGTTCTGAACCTGGCTAAGAATGTGTATGATGCGGACATGGTGC
TCACTAATTCCAGGACTTAGAAAACACTCAGAAGGATATCAACAGATACATCAGTCAGAAAACCCACAG
CAGAATCAAAAACATGGTAAAAAGCATAGACCCAGGCACCGTGATGATTCTCACAAATTATTTACTTT
CGAGGCAGGTGGCAGTATGAATTCGACCCAAAACAGACCAAGGAGGAGGATTCTTCATAGAAAAGGCA
AGACCGTGAAGGTACCCATGATGTTCCAAGGGGCTTGTACGACATGGCCTATGACAGCCAGCTCTCCTG
CACCATCTTGAAATCCCCTACCGGGGAAACATCACAGCCACATTTGTCCTTCTGACAATGGCAAGCTG
AAGCTGCTGGAGCAGGGTTGCAGGCAGACATCTTTGCCAAGTGAAAAGCCTTCTCTCAAAAAGAGTGG
TGGATGTGTGGGTGCCAAGCTCCGCATCTCGTCTACTTACAACATGAAGAAGGTTCTGTCCCGCTGGG
CATCAGCAAAATCTTTGAGGAGAATGGTGACCTCACCCGATCTCATCTCATCGAAGCCTGAAGGTGGGA
GAGGCTGTGCACAAGGCTGAACTGAAGATGGATGAGAAAGGCATGGAAGGGGCTGCAGGCTCTGGAGCCC
AGACATTGCCATGGAGACCCACGACATATGAAGCTAGACAGACCCCTCCTCATGATGATCTATGAGAA
TTTCATGCCTTCCATGGTCTTCTTGCAAGGATTTATGACCCTAGTGGG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_026535
Insert Size:	1242 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_026535.2 , NP_080811.1
RefSeq Size:	3690 bp
RefSeq ORF:	1242 bp
Locus ID:	68054
UniProt ID:	Q7TMF5
Cytogenetics:	12 E
Gene Summary:	Adipokine that modulates insulin action by specifically inhibiting its target protease KLK7 in white adipose tissues.[UniProtKB/Swiss-Prot Function]