

Product datasheet for MR206375

Serpini2 (NM_026460) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Serpini2 (NM_026460) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Serpini2
Synonyms:	Spi14
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR206375 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAATAAGACCATTGTGGAGTTTTCTACTATTTTTCTGGAAGTCAAACCTCAAGAGCGACTGACC
AAAAAATGCTGACTTTGCAGTGGATCTTTATAAAGCTATTTCTTTATCCACAAGAACAACATTATATT
TTCCCTCTTGAACCACTATGCTTCTTGAATGGTCCAACAGGTGCAAAAGGAAAAGCACAACAGCAG
ATCCTGAAGACTTAAAGGATGCGGGGAACCCAGCAGGAGAGGAATTTCTGTGTGAAGTCACTTTTT
CAGCCATCTCAAAGAAGAAGCAGGAATTTACATTTAATCTTGCCAGTGCCCTCTACCTTCAAGAAGGATT
CATTGTGAAGGAAACATATCTCCATAGCAACAAGGAGTTTTTTCAGAGTGTACAAAACCTGGTGGATTTT
CTGGATGCAAAGACTTCTGCACAGGCAATAAGCACCTGGGTAGAAAGCAAACAGATGGAAAAATTTAAAA
ATATGTTTTAGAGGAAGAAATTTGGCCCTTGACTCGTCTGGTCTGGTGAATGCCATTTATTTAAGGG
GGATTGGAACAGAAATTCAGAAAAGAAGACACAGAGATGACAGATTTTACTAAGAAAGATGGCTCTACA
GTAAAGGTTCCAATGATGAAGGCTCTGTTGCGAGCACAATATGTTATTTTTCTCAGTCATCCATGACAT
GTCAAGTTTTGGAATGCCTTACAAGGCTGATGAGTTTAGTTTAGTCATCATTCTCCCACGGAAGACAC
GAGCATCGAAGAAGTGGAAAACCAAGTTACTGCTCCTCACGTCCGGAGATGGTTCTCCGAGCTGCATGAA
GAGGAGGTGGAAGTCAGCCTCCCTCGATTTAAAATAGAACAATAAATAGACCTCAAAGAAGCATTATATT
CTTTAAATGTAAGTAAAATATTTAGTGGTGGCTGTGACCTTTCTGGAATAACAGACTCATCTGAAGTCTA
TGTCTCCAGAGTCATGCAGAAAGTTTTCTTTGAGATAAATGAAGATGGAAGCGAAGCTGCAGCATCCACA
GGCATAAACATTCTGCGATCATGAGTTTGACTCAGACTCAATTTCTAGCAAATCATCCATTTCTGTTTA
TTTTGAAGCACATCCGAACAGAATCAATTTGTTTATGGGAAAGGTGACAGATCTGACATTCAAACAAC
GAAAGGAAGAGATTTAGATTCAGT

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR206375 protein sequence
 Red=Cloning site Green=Tags(s)

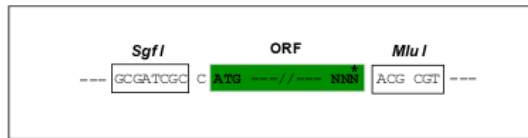
MNKTILWSFLLFFSGSQTSRATDQKIADFVLDYKAISLSHKNNIIFSPLGTTMLLGMVQLGAKGKAQQQ
 ILKTLRMRGTPAGEEFVSLKSLFSAISKKKQEFNFLASALYLQEGFIVKETYLHSNKEFFQSATKLVDF
 LDAKTSQAQAISTWVESKTDGKIKNMFSSEEFGLTRLVLVNAIYFKGDWKQKFRKEDTMTDFTKKDGST
 VKVPMKALLRAQYGYFSQSSMTCQVLELPHYKADEFSLVIIILPTEDTSIEEVENQVTAPHVRRWFSELHE
 EEVEVSLPRFKIEQKLDLKEALYSLNVTEIFSGGCDLSGITDSSEVYVSRVMQKVFFEINEDGSEAAAST
 GINIPAIMSLTQTQFLANHPFLFILKHIRTESILFMGKVTDPIQTTKGRDLDSL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_026460

ORF Size: 1218 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [NM_026460.3](#), [NP_080736.2](#)

RefSeq Size: 1424 bp

RefSeq ORF: 1218 bp

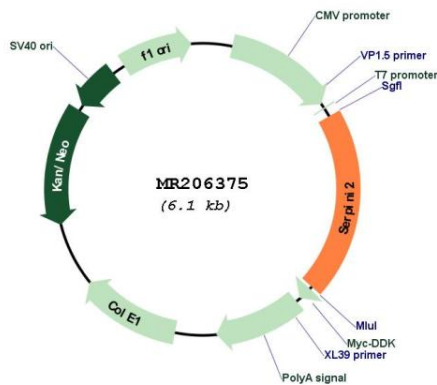
Locus ID: 67931

UniProt ID: [Q9JK88](#)

Cytogenetics: 3 E3

MW: 45.8 kDa

Product images:



Circular map for MR206375