

Product datasheet for **RN212991**

Spint1 (NM_001004265) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Spint1 (NM_001004265) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Spint1
Synonyms:	HAI-1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212991 representing NM_001004265
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGCCCGCCGCTGGCGCAGGCCAGCATCTCTACGGTCTGCGTATGGCTCCTTTGCGCGCTTGGTC
 TCCAGGGCACTGAGACCGAGCTGCCGTCCGCACCCCTGAGTTTTCCGGGGGAGCCGCTGCTTGAACCG
 CTTTACCAGCGGGGTGCCGGCTTTTGTGTTGGACACCGAAGCTTCACTCAGCAACGGGGCCACCTTCCTG
 GGTTCCCCGACGGTGCACCGCGGCTGGGACTGCGTGCCTGCTGCACCACCCAAAACTGTAACCTGG
 CGCTGGTGGAGCTGCAGCCGGACGGAGGCGAGGACGCCATCTCTGCCTGCTTCTCATGAACTGCCTGTA
 TGAGCAGAACTTCGTGTCAAATTCGCTCCGAAGGACGGCTTCACTCAACTATCTTACCCAAGATCTTTAC
 AACTCCTACCGGAGCTGCGAACTCGAGGCTTTGGAGGTTCCCGGATCCCTCGAATCTGGATGGGCATAG
 ACTTGAAGGTGCAGCTGCAGAAGCCCTGGTACTGAGAGATGCAGACAACACAGACTGGCATCTACTGCA
 AGGTGACCAAGATGTCAGTGTTAAGAGAAACCATCCAGAAGAAGTTGAGCTGTGGGGACTTAAGGAGGGA
 ACCTACCTGTTCCAAGTACAAGAACCGACTCAGACCAGCTAGAGGAAACAGTCAACCTGACTATACCCG
 TGCTAACTGCCGAGCAGACGGAAGATTATTGCCTCGCATCCTACAAGGTGGGCCGCTGCCGGGGCTCCTT
 CCCACGCTGGTACTATGACCCCAAGGAACAGATCTGCAAAAGTTTCACTTTTGGAGGTTGCCTAGGCAAC
 AAGAACAACACTCTTCGTGAGGAAGAGTGCATGCTAGCCTGCAAGGATGTGAAAGGAATCTCACAAAA
 GGCATCATCCAGTGTGCACCGGCAGTGCATAGCACGCGAGTCCAGTGCAGCAATGGCTGCTGTATCGA
 CGGCTTCTGGAGTGTGATGACACGCTGACTGCCCTGATGGCTCCGATGAGGCCACTTGTGAAAAATAT
 AGCAGCGGCTTTGATGAACCTCAGAGTATCCACTTCTCAGTGACAAAGGACTGTGTCAGAGCTGCCAG
 AACTGGATTTTGAAGGAGAACATCCACGCTGGTATTACAACCCATTCACTGAAAGCTGTGCCCGCTT
 CACCTATGGTGGTTGCTACGGGAACAAGAACAACCTTTGAGAAGGAACAGCAGTGTCTTGAGTCTGTGCT
 GGCATCTCCAAGAAGGATGTGTTGCGTCTTCGGAGGAAAGCTCCGTTCCAGTGCAGGCTCTGTGGAGG
 TAGCTATTGCTGTATTGCTGGCCGTCTGCATCATAGTGGTCTTGACCATCCTGGGCTACTGTTTCTTCAA
 GAACCAAAAAAGAACTTCCACAGCCCCCTGCACCAACCCTCCACACCAGCCAGCTCCACTGTTTCC
 ACCACTGAGGACACAGACACTGGTCTATAATCACACAACCCAGCCTCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001004265

Insert Size: 1524 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: [NM_001004265.2](#), [NP_001004265.2](#)

RefSeq Size: 2321 bp

RefSeq ORF: 1524 bp

Locus ID: 311331

Cytogenetics: 3q35

Gene Summary: human homolog inhibits the serine proteases hepatocyte growth factor activator (HGFA) and matriptase, which regulate hepatocyte growth factor processing and maturation [RGD, Feb 2006]