

## Product datasheet for **MR226066**

### Spint1 (NM\_016907) Mouse Tagged ORF Clone

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids                       |
| Product Name:             | Spint1 (NM_016907) Mouse Tagged ORF Clone |
| Tag:                      | Myc-DDK                                   |
| Symbol:                   | Spint1                                    |
| Synonyms:                 | HAI-1                                     |
| Mammalian Cell Selection: | Neomycin                                  |
| Vector:                   | pCMV6-Entry (PS100001)                    |
| E. coli Selection:        | Kanamycin (25 ug/mL)                      |



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**ORF Nucleotide Sequence:**

>MR226066 representing NM\_016907  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGGGCCCGCCTGGCGGGCCAGCATCTCTCGGTGCGGTATGGCTCCTTTGCGCGCTTGGCC  
 TCCAGGCCACCGAGGCCGAGCTGCCGTCGACCCGCTGAGCTTCCCGGGGAGCCGCTGCTTGAGCCG  
 CTTTACCAGCGGGGTGCCGTCCTTTGTGCTGGACACCGAAGCCTCAGTCAGCAACGGGGCCACCTTCCTG  
 GGTCCCCGACGGCGCGCCGCGGCTGGGACTGCGTGCCTCTGCTGCACCACTCAGAACTGCAACCTGG  
 CGCTGGTGGAGCTGCAGCCAGACGGCGGAGGACGCCATCTCTGCCTGCTTCTCATGAACTGCCTGTA  
 CGAGCAGAACTTCGTGTCAAGTTCGCTCCGAAGGAGGGTTCATCAACTATCTTACCCAGGAGCTTTAC  
 CGCTCCTACCGGAGCTGCGGACTCGAGGCTTTGGAGGGTCCCGGATCCCTCGAATCTGGATGGGCATAG  
 ACTTGAAGGTCCAGCTGCAGAAGCCCTGGTACTGAACGAGGCAGACAACACAGACTGCCACCTACTGCA  
 AGGTGACAGTGTGTGAGTAGAGAGAAAACGTCGGGAAGAAGTGGAGCTGTGGGGACTTAAGGAGGGG  
 ACCTACCTGTTCCAAGTACAAGAACTGACTCAGACCAACCAGAGGAAACAGCCAACCTGACTATCACTG  
 TGCTAACTGCCAAGCAGACAGAAGATTATTGCCTCGCATCTACAAGGTGGGCGGCTGCCGGGGCTCCTT  
 CCCACGCTGGTACTACGACCCCAAGGAACAGATCTGAAAAGTTTACTTTTGGAGGTTGCCTGGGCAAC  
 AAGAACAACACTCTTCGTGAGGAAGAGTGCATGCTAGCCTGCAAGGATGTGCAAGGAATCTACCCGAAAA  
 GGCACCATCCAGTGTGCTCCGGCAGTGCCATGCCACCCAGTCCGCTGTAGCAATGGCTGCTGTATCGA  
 TGGCTTCTGGAGTGTGATGACACGCCAGACTGCCCTGATGGCTCCGACGAGGCCACCTGTGAAAAATAC  
 ACCAGCGGCTTTGATGAGCTTCAGAATATCCATTTCTCAGTGACAAAGGGTACTGTGCAGAGCTGCCAG  
 ACATGGGTTTTGCAAGGAGAACATCCCACGCTGGTATTACAACCCATTCACTGAACGCTGTGCCCGCT  
 CACCTATGGTGGTTGCTATGGGAACAAGAACAACCTTTGAGGAGGAACAGCAGTGCCTTGAGTCTGCCGT  
 GGCATCTCCAAGAAGGATGTGTTTGGTCTTCGGAGGGAAGGCTCCATTCCCACTGTAGGCTCCGCTGAGG  
 TAGCTATTGCTGTATTTCTGGTCACTGCATCATAGTGGTCTTAACCATCCTGGGCTACTGTTTCTTCAA  
 GAACCAAAGAAAGGAATCCACAGTCCCCTGCACCACCCACCTCCACACCAGCCAGCTCCACTGTTTCC  
 ACCACAGAGGACACAGACACCTGGTCTATAATCACACAACCCAGCCTCTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR226066 representing NM\_016907  
 Red=Cloning site Green=Tags(s)

MAGRRLARASISAVGVWLLCALGLQATEAELPSAPAEPLPGGAACLSRFTSGVPSFVLDTEASVSNATFL  
 GSPTARRGWDCVRSCTTQNCNLALVELQPDGGEDAI SACFLMNCLYEQNFVCKFAPKEGF INYL TQELY  
 RSYRELRTRGFGSRIPRIWMGIDLKVQLQKPLVLNEADNTDWHLLQGDSDVRVERKRPEEVELWGLKEG  
 TYLFQLTRTSDSQPEETANLITVLTAKQTEDYCLASYKVGRCRGSFPRWYDPKEQICKSFTFGGCLGN  
 KNNYLREEECMLACKDVQGISPKRHHPVCSGSCHATQFRCSNGCCIDGFLECDTDPDCPDGSDEATCEKY  
 TSGFDELQNIHFLSDKGYCAELPDTGFCKENIPRWYYPNF SERCARFTYGGCYGNKNNFEEEQCLESCR  
 GISKKDFVGLRREGSIPTVGSAEVAIAVFLVICIIVVLTILGYCFFKNQRKEFHSPHHPPTPASSTVS  
 TTEDTEHLVYNHTTQPL

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

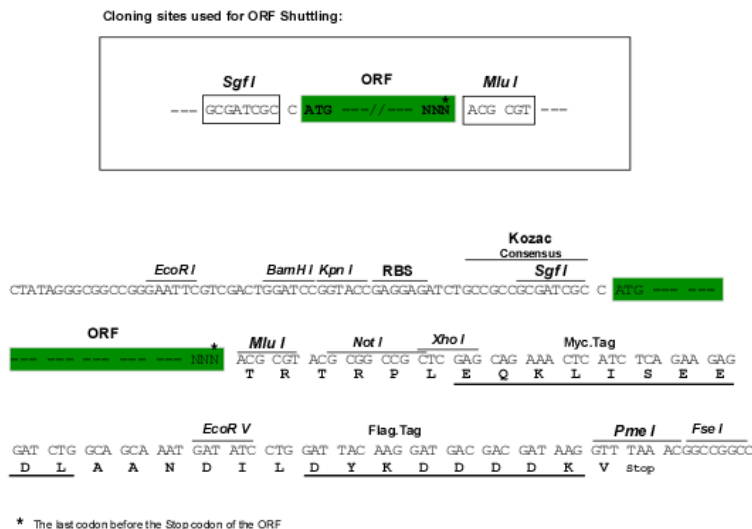
**Chromatograms:**

[https://cdn.origene.com/chromatograms/mm9008\\_a07.zip](https://cdn.origene.com/chromatograms/mm9008_a07.zip)

**Restriction Sites:**

Sgfl-Mlul

## Cloning Scheme:



ACCN: NM\_016907

ORF Size: 1521 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\\_016907.2](#)

RefSeq Size: 2275 bp

RefSeq ORF: 1524 bp

Locus ID: 20732

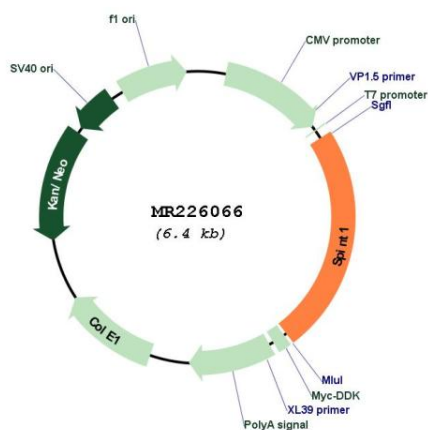
UniProt ID: [Q9R097](#)

Cytogenetics: 2 E5

MW: 57 kDa

Gene Summary: Inhibitor of HGF activator.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR226066