

Product datasheet for **MG226066**

Spint1 (NM_016907) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Spint1 (NM_016907) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Spint1
Synonyms:	HAI-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG226066 representing NM_016907
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGGCCCGCCTGGCGGGCCAGCATCTCTCGGTGCGGTATGGCTCCTTTGCGCGCTTGGCC
 TCCAGGCCACCGAGGCCGAGCTGCCGTCCGCACCCGCTGAGCTTCCCGGGGAGCCGCTGCTTGGCCG
 CTTTACCAGCGGGGTGCCGTCTTTGTGCTGGACACCGAAGCCTCAGTCAGCAACGGGGCCACCTTCCTG
 GGTCCCCGACGGCGCGCCGCGGCTGGGACTGCGTGCCTCTGCTGCACCACTCAGAACTGCAACCTGG
 CGCTGGTGGAGCTGCAGCCAGACGGCGGAGGACGCCATCTCTGCCTGCTTCTCATGAACTGCCTGTA
 CGAGCAGAACTTCGTGTCAAGTTCGCTCCGAAGGAGGGCTTCATCAACTATCTTACCCAGGAGCTTTAC
 CGCTCCTACCGGAGCTGCGGACTCGAGGCTTTGGAGGGTCCCGGATCCCTCGAATCTGGATGGGCATAG
 ACTTGAAGGTCCAGCTGCAGAAGCCCTGGTACTGAACGAGGCAGACAACACAGACTGGCACCTACTGCA
 AGGTGACAGTGTGTGAGAGTAGAGAGAAAACGTCCGGAAGAAGTGGAGCTGTGGGGACTTAAAGGAGGG
 ACCTACCTGTTCCAAGTACAAGAACTGACTCAGACCAACCAGAGGAAACAGCCAACCTGACTATCACTG
 TGCTAACTGCCAAGCAGACAGAAGATTATTGCCTCGCATCTACAAGGTGGGCGCTGCCGGGGCTCCTT
 CCCACGCTGGTACTACGACCCCAAGGAACAGATCTGCAAAAGTTTACTTTTGGAGGTTGCCTGGGCAAC
 AAGAACAACACTCTTCGTGAGGAAGAGTGCATGCTAGCCTGCAAGGATGTGCAAGGAATCTACCCGAAAA
 GGCACCATCCAGTGTGCTCCGGCAGTGCCATGCCACCCAGTCCCGCTGTAGCAATGGCTGCTGTATCGA
 TGGCTTCTGGAGTGTGTGACACGCCAGACTGCCCTGATGGCTCCGACGAGGCCACCTGTGAAAAATAC
 ACCAGCGGCTTTGATGAGCTTCAAGATATCCATTTCTCAGTGACAAAGGGTACTGTGCAGAGCTGCCAG
 ACACTGGGTTTTGCAAGGAGAACATCCCACGCTGGTATTACAACCCATTCACTGAAACGCTGTGCCGATT
 CACCTATGGTGGTTGCTATGGGAACAAGAACAACCTTTGAGGAGGAACAGCAGTGCCTTGAGTCTGCCGT
 GGCATCTCCAAGAAGGATGTGTTTGGTCTTCGGAGGGAAGGCTCCATTCCCACTGTAGGCTCCGCTGAGG
 TAGCTATTGCTGTATTTCTGGTCACTGCATCATAGTGGTCTTAACCATCCTGGGCTACTGTTTCTTCAA
 GAACCAAAGAAAGGAATCCACAGTCCCCTGCACCACCCACCTCCACACAGCCAGCTCCACTGTTTCC
 ACCACAGAGGACACAGACACCTGGTCTATAATCACACAACCCAGCCTCTC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG226066 representing NM_016907
 Red=Cloning site Green=Tags(s)

MAGRRLARASISAVGVLLCALGLQATEAELPSAPAEPLGGAACLSRFTSGVPSFVLDEASVSNGATFL
 GSPTARRGWDCVRSCTTQNCNLALVELQPDGGEDAI SACFLMNCLYEQNFVCKFAPKEGF INYL TQELY
 RSYRELTRGFSGSRIPRIWMGIDLKVLQKPLVLNEADNTDWHLLQGDSDVRVERKRPEEVELWGLKEG
 TYLFQLTRTSDQPEETANLITVLTAKQTEDYCLASYKVGRCRGSFPRWYDPKEQICKSFTFGGCLGN
 KNNYLREEECMLACKDVQGISPKRHPVCSGSCHATQFRCSNGCCIDGFLECDTDPDCPDGSDEATCEKY
 TSGFDELQNIHFLSDKGYCAELPDTGFCKENIPRWYYPNPF SERCARFTYGGCYGNKNNFEEEQCLESCR
 GISKKDVFGLRREGSIPTVGSAEVAIAVFLVICIIVVLTILGYCFFKNQRKEFHSPHHPPTPASSTVS
 TTEDTEHLVYNHTTQPL

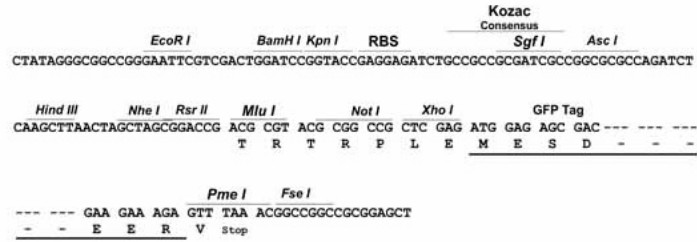
TRTRPLE – GFP Tag – V

Restriction Sites:

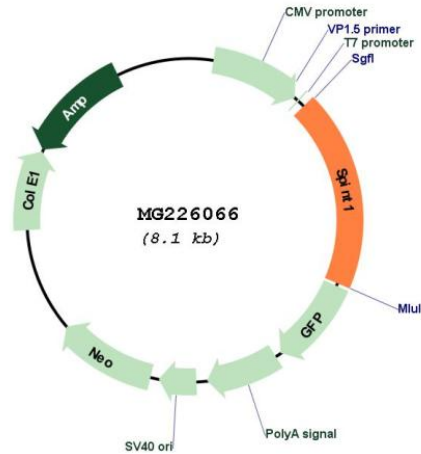
Sgfl-Mlul

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



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

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