

Product datasheet for **RR200125**

Spint2 (NM_199087) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Spint2 (NM_199087) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Spint2
Synonyms: HAI-2; Pb
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR200125 representing NM_199087
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGCAGCTATGTGAGCCGCGGGGGCCGGGCGCTTCTCGCCCTGTTAGCCTCGCTGCTTCTCTCCG
GGGCCAGGCGGCCAGCAGAGACCTAGACGTCCACGAGAACACCATTGATGGTCTGGCCAGGAGCAGTGA
TGCGCTTCTGCCCTGAGCGTCCAGAAAGCAGGATTCTGCGGACCTCGCTGGTGGATCTTCAACTAT
GAAGAATACTGTGTCCAAAGGCGGTCACTGGGCCTTGC CGCGCAGCCTTCCCTCGCTGGTACTATGATG
TTGAAAAGAATTCTGTAGCAGCTTCATCTATGGCGGGTGCAGAGGCAACAAGAAGATTACCTCTCCCA
GGAAGCGTGCATGCAGCACTGCTCTGGGAAGCAGATGTATCCTTTCTGACCCGGGCACAAAAGCGGTG
ATCCTGGTGGGCTGTTTCATCATGGTCCTGATCCTCCTCCTGGGATCCTCCATGGTGTTCCTGATCCGAA
TGGTTCGAGAAAGCAGGAGCGTCTCCTCGCACTGTTTGGAGCACTGCGGATGACAAGGAGCAGCTGGT
GAAGAATACCTGTGTCTTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR200125 representing NM_199087
Red=Cloning site Green=Tags(s)

MAQLCEPRRGRALLALLASLLL SGAQAASRDLDVHENTIDGLARSSDGASALVPRKQDSADLAGEIFNY
EEYCVPKAVTGPCRAAFPRWYDVEKNSSFIYGGCRGNKNSYLSQEACMQHCSGKQMYPFLLTPGKAV
ILVGLFIMVLILLGSSMVFLIRMVRRKQERALRTVWSTADDKEQLVKNTCVL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

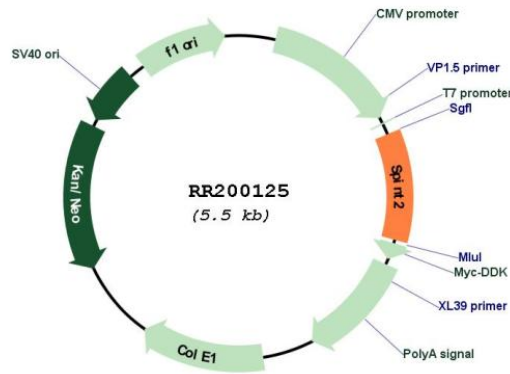


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Cloning Scheme:



Plasmid Map:



ACCN: NM_199087

ORF Size: 579 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_199087.1](#), [NP_954518.1](#)

RefSeq Size: 1230 bp

RefSeq ORF: 582 bp

Locus ID: 292770

Cytogenetics: 1q21

MW: 21.3 kDa