

Product datasheet for **SC302639**

SPINT1 (NM_001032367) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SPINT1 (NM_001032367) Human Untagged Clone
Tag:	Tag Free
Symbol:	SPINT1
Synonyms:	HAI; HAI1; MANSC2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_001032367, the custom clone sequence may differ by one or more nucleotides

```

ATGGCCCTGCGAGGACGATGGCCCGGCCCGCTCGCCCGGCCGGCATCCCTGCCGTCGCTTGTGGC
TTCTGTGCACGCTCGGCCTCCAGGGCACCCAGGCCGGGCCACCGCCCGGCCCTGGGCTGCCCGGG
AGCCGACTGCCTGAACAGCTTTACCGCCGGGGTGCCTGGCTTCGTGCTGGACACCAACGCCTCGGTGAGC
AACGGAGCTACCTTCTGGAGTCCCCACCGTGCGCCGGGGCTGGGACTGCGTGCAGCCTGCTGCACCA
CCCAGAACTGCAACTTGGCGCTAGTGGAGCTGCAGCCGACCGCGGGGAGGACGCCATCGCCGCTGCTT
CCTCATCAACTGCCTCTACGAGCAGAAGTTCGTGTGCAAGTTCGCGCCAGGGAGGGCTTCATCAACTAC
CTCAGGAGGAAGTGTACCGCTCTACCGCCAGCTGCGGACCCAGGGCTTTGGAGGGTCTGGGATCCCCA
AGGCCTGGGCAGGCATAGACTTGAAGGTACAACCCAGGAACCCCTGGTGTGAAGGATGTGAAAAACAC
AGATTGGCGCCTACTGCGGGGTGACACGGATGTCAGGGTAGAGAGGAAAGACCCAAACAGGTGAACTG
TGGGGACTCAAGGAAGGCACCTACCTGTCCAGCTGACAGTGACTAGCTCAGACCACCCAGAGGACACGG
CCAACGTACAGTCACTGTGCTGTCCACCAAGCAGACAGAAGACTACTGCCTCGCATCCAACAAGTGGG
TGCTGCGGGGGCTCTTCCACGCTGGTACTATGACCCACGGAGCAGATCTGCAAGAGTTTCGTTTAT
GGAGGCTGCTTGGCAACAAGAACAACCTACCTCGGGAAGAAGAGTGCATTCTAGCTGTGCGGGTGTGC
AAGGCCCTCCATGAAAAGGCGCCATCCAGTGTGCTCTGGCACCTGTGAGCCACCCAGTCCCGCTGCAG
CAATGGCTGCTGCATCGACAGTTTCTGGAGTGTGACGACACCCCAACTGCCCGGACGCTCCGACGAG
GCTGCCTGTGAAAAATACACGAGTGGCTTTGACGAGCTCCAGCGCATCCATTTCCCAAGTGAAGGGC
ACTGCGTGGACCTGCCAGACACAGGACTCTGCAAGGAGAGCATCCCGCGTGGTACTACAACCCCTTCA
CGAACACTGCCCGCTTTACCTATGGTGGTTGTTACGGCAACAAGAACAACCTTTGAGGAAGAGCAGCAG
TGCTCGAGTCTTGTGCGGGCATCTCCAAGAAGGATGTGTTGGCCTGAGGCGGGAAATCCCCATCCCA
GCACAGGCTCTGTGGAGATGGTGTGCGAGTGTTCCTGGTCATCTGCATTGTGGTGGTAGCCATCTT
GGGTTACTGCTTCTCAAGAACCAGAGAAAGGACTTCCACGGACACCACCACCACCACCACCACCCTT
GCCAGCTCCACTGTCTCCACTACCGAGGACACGGAGCACCTGGTCTATAACCACACCACGCGCCCTCT
GA
    
```

- Restriction Sites:** NotI-NotI
- ACCN:** NM_001032367
- Insert Size:** 2300 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).
- OTI Annotation:** The open reading frame of this clone has been fully sequenced and found two SNPs within the protein associated with this reference, NM_001032367.1. These two SNPs don't change amino acid.
- 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:	<ol style="list-style-type: none">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_001032367.1 , NP_001027539.1
RefSeq Size:	2342 bp
RefSeq ORF:	1542 bp
Locus ID:	6692
UniProt ID:	O43278
Cytogenetics:	15q15.1
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane
Gene Summary:	<p>The protein encoded by this gene is a member of the Kunitz family of serine protease inhibitors. The protein is a potent inhibitor specific for HGF activator and is thought to be involved in the regulation of the proteolytic activation of HGF in injured tissues. Alternative splicing results in multiple variants encoding different isoforms. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (3) has multiple differences in the 5' UTR and uses an alternate in-frame splice site in the 3' coding region, compared to variant 1, resulting in a shorter protein (isoform 2), compared to isoform 1.</p>