

## Product datasheet for **SC310294**

### SPINT1 (NM\_181642) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SPINT1 (NM_181642) Human Untagged Clone
Tag:	Tag Free
Symbol:	SPINT1
Synonyms:	HAI; HAI1; MANSC2
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene ORF sequence for NM\_181642 edited  
 ATGGCCCTGCGAGGACGATGGCCCGCGCCCGCCTCGCCCGGCCGGCATCCCTGCCGTC  
 GCCTTGTGGCTTCTGTGCACGCTCGGCCTCCAGGGCACCCAGGCCGGGCCACCGCCCGG  
 CCCCTGGGCTGCCCGCGGGAGCCGACTGCCTGAACAGCTTTACCGCCGGGGTGCCTGGC  
 TTCGTGCTGGACCAACGCCTCGGTGAGCAACGGAGTACCTTCTGGAGTCCCCCACC  
 GTGCGCCGGGGCTGGGACTGCGTGCGCGCTGCTGCACCACCCAGAAGTCAACTGGCG  
 CTAGTGGAGCTGCAGCCCGACCGGGGAGGACCCATCGCCCGCTGCTTCCCTCATCAAC  
 TGCCCTACGAGCAGAAGTTCGTGTGCAAGTTCGCGCCAGGGAGGGCTTCATCAACTAC  
 CTCACGAGGGAAGTGTACCGCTCTACCGCCAGCTGCGGACCCAGGGCTTTGGAGGGTCT  
 GGGATCCCAAGGCCTGGGCAGGCATAGACTTGAAGGTACAACCCAGGAACCCCTGGTG  
 CTGAAGGATGTGAAAACACAGATTGGCGCCTACTGCGGGGTGACACGGATGTCAGGGTA  
 GAGAGAAAGACCCAAACCAGGTGGAAGTGTGGGACTCAAGGAAGGCACCTACCTGTTC  
 CAGCTGACAGTACTAGCTCAGACCACCCAGAGGACACGGCCAACGTACAGTACTGTG  
 CTGTCCACCAAGCAGACAGAAGACTACTGCCTCGCATCCAACAAGTGGGTGCTGCCGG  
 GGCTCTTTCCACGCTGGTACTATGACCCACGGAGCAGATCTGCAAGAGTTTCGTTTAT  
 GGAGGCTGCTTGGCAACAAGAACAACCTACCTTCGGGAAGAAGAGTGCATTCTAGCCTGT  
 CGGGGTGTGAAGGTGGGCCTTTGAGAGGCAGCTCTGGGGCTCAGGCGACTTTCCCCAG  
 GGCCCTCCATGGAAAGGCGCCATCCAGTGTGCTCTGGCACCTGTGAGCCACCCAGTTC  
 CGCTGCAGCAATGGCTGCTGCATCGACAGTTTCTGGAGTGTGACGACACCCCAACTGC  
 CCCGACGCTCCGACGAGGCTGCCTGTGAAAAATACACGAGTGGCTTTGACGAGCTCCAG  
 CGCATCCATTTCCCAAGTGAACAAGGGCACTGCGTGGACCTGCCAGACACAGGACTCTGC  
 AAGGAGAGCATCCCGCGCTGGTACTACAACCCCTTCAGCGAACACTGCGCCCGCTTACC  
 TATGGTGGTTGTTATGGCAACAAGAACAACCTTTGAGGAAGAGCAGCAGTGCCTCGAGTCT  
 TGTGCGGCATCTCCAAGAAGGATGTGTTTGGCCTGAGGCGGGAATCCCCATTCCACAGC  
 ACAGGCTCTGTGGAGATGGCTGTGCGAGTGTTCCTGGTCTCTGCATTGTTGGTGGTGGTA  
 GCCATCTTGGGTTACTGCTTCTTCAAGAACCAGAGAAAGGACTTCCACGGACACCACCAC  
 CACCCACCCACCCCTGCCAGTCCACTGTCTCCACTACCGAGGACACGGAGCACCTG  
 GTCTATAACCACACCACCGGCCCTCTGA

**Restriction Sites:** Please inquire

**ACCN:** NM\_181642

**Insert Size:** 2400 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:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**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\\_181642.2](#), [NP\\_857593.1](#)

**RefSeq Size:** 2484 bp

**RefSeq ORF:** 1590 bp

**Locus ID:** 6692

**UniProt ID:** [O43278](#)

**Cytogenetics:** 15q15.1

**Protein Families:** Druggable Genome, Secreted Protein, Transmembrane

**Gene Summary:** 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]

Transcript Variant: This variant (1), also known as HAI-1B, encodes the longer isoform (1).