

Product datasheet for **SC100184**

SPESP1 (NM_145658) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SPESP1 (NM_145658) Human Untagged Clone
Tag:	Tag Free
Symbol:	SPESP1
Synonyms:	ESP; SP-ESP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_145658, the custom clone sequence may differ by one or more nucleotides

```
ATGAAGCCCTTAGTCCTCTAGTTGCGCTTTTGCTATGGCCTTCGTCTGTGCCGGCTTATCCGAGCATAA
CTGTGACACCTGATGAAGAGCAAACCTTGAATCATTATATACAAGTTTTAGAGAACCTAGTACGAAGTGT
TCCCTCTGGGAGCCAGGTCGTGAGAAAAATCTAACTCTCCAAAACATGTTTATTCTATAGCATCAAAG
GGATCAAATTTAAGGAGCTAGTTACACATGGAGACGCTTCAACTGAGAATGATGTTTTAACCAATCCTA
TCAGTGAAGAACTACAACCTTCCCTACAGGAGGCTTCACACCGGAAATAGGAAAGAAAAACACACGGA
AAGTACCCATTCTGGTCGATCAAACCAAACAATGTTTCCATTGTTTGCATGCAGAGGAACCTTATATT
GAAAATGAAGAGCCAGAGCCAGAGCCGAGCCAGCTGCAAAACAACTGAGGCACCAAGAATGTTGCCAG
TTGTTACTGAATCATCTACAAGTCCATATGTTACCTCATACAAGTCACCTGTACCACCTTATAGATAAGAG
CACTGGCATTGGGATCTCTACAGAATCAGAAGATGTTCCCTCAGCTCTCAGGTGAAACTGCGATAGAAAA
CCCGAAGAGTTTGGAAAGCACCCAGAGAGTTGGAATAATGATGACATTTGAAAAAATTTAGATATTA
ATTCACAAGTGCAACAGGCACTTCTTAGTGACACCAGCAACCCAGCATATAGAGAAGATATTGAAGCCTC
TAAAGTACCTAAAACGAAGCCTTGCTCTAGCAGCAGCAGCAGAACATAAAATTAACAATGTATAAG
TCCCAGTATTGCCAGTAGGACGAACAAGTAATAAAATGATGACATCGAACTGTTATTAACATGCTGT
GTAATTCTAGATCTAAACTCTATGAATATTTAGATATTAATGTGTTCCACCAGAGATGAGAGAAAAAGC
TGCTACAGTATTCAATACATTAATAAATATGTGTAGATCAAGGAGAGTACAGCCTTATTAAGTTTAT
TAA
```



[View online »](#)

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_145658 unedited AGGATTTTGTAAACGACTCACTATAGGGCGGCCGCGAAATTCGCACGAGGCTTGAGGTT CCCAGCCTGGTGGCCCCAGGACGTTCCGGTCGCATGGCAGAGTGTACGGACGACGCCTA TGAAGCCCTTAGTCCCTTAGTTGCGCTTTTGTATGGCCTTCGTCTGTGCCGGCTTATC CGAGCATAACTGTGACACCTGATGAAGAGCAAACTTGAATCATTATATACAAGTTTTAG AGAACCTAGTACGAAGTGTCCCTCTGGGGAGCCAGGTCGTGAGAAAAATCTAACTCTC CAAAACATGTTTTATTCTATAGCATCAAAGGGATCAAATTTAAGGAGCTAGTTACACATG GAGACGCTTCAACTGAGAATGATGTTTTAACCAATCCTATCAGTGAAGAACTACAACCT TCCTACAGGAGGCTTACACCCGAAATAGGAAAAGAAAAACACACGAAAGTACCCCAT TCTGGTCGATCAAACCAAACAATGTTTCCATTGTTTTGCATGCAGAGAACCTTATATTG AAAATGAAGAGCCAGAGCCAGAGCCGGAGCCAGCTGCAAAACAACTGAGGCACCAAGAA TGTTGCCAGTTGTTACTGAATCATCTACAAGTCCATACGTTACCTCATAACAAGTCACTG TCACCACTTTAGATAAGAGCACTGGCATTGAGATCTCTACAGAATCAGAAGATGTTCCCTC AGCTCTCAGGTGAACTGCGATAGAAAAACCGAAGAGTTNGAAAGCACAGAGAGTTGG AATATGATGACATTTTGAATAATNTAGATTTAATTCACAGTTGCACAGGCCTTCTTAG TGACCCAGCACCCAGCTATAGAGAAGATATTGAGCCTTAAGATCACCTAAACGAACCTT GTCTAGCAGCGCCAGACATAATTAACATGTTTAGTCCAGTATTGCCGTGGACGAC AAGTATAAATGTTGAT
Restriction Sites:	NotI-NotI
ACCN:	NM_145658
Insert Size:	1400 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).
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:	<u>NM_145658.1</u> , <u>NP_663633.1</u>
RefSeq Size:	1434 bp
RefSeq ORF:	1053 bp
Locus ID:	246777
UniProt ID:	<u>Q6UW49</u>
Cytogenetics:	15q23
Gene Summary:	The encoded protein is a human alloantigen involved in sperm-egg binding and fusion. [provided by RefSeq, Apr 2010]