

Product datasheet for **SC122896**

SPC25 (NM_020675) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	SPC25
Synonyms:	AD024; hSpc25; SPBC25
Mammalian Cell	None
Selection:	
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_020675 edited
 GTTTGAAATCGGAAAGTTGGCGGGGCTGCGGGAGCTGAGCCTAGAGTCCGGCTGTTGGCT
 AGAGTGGGCGCGGATCTGGTGTGGGAAGGCGGCGGACTCAGGCCTGCCTGCGAAGCAT
 TGTCTACATAATGGTAGAGGACGAACTGGCACTTTTCGATAAAAGCATAAATGAATTTT
 GGAATAAATCAAAGTACGGACACCTCCTGTCAGATGGCGGGACTAAGAGATACCTACA
 AGGATTCCATCAAAGCATTTGCAGAAAAGCTGTCTGTGAAATTAAGGAAGAAGAACGAA
 TGGTTGAGATGTTTCTGGAATATCAAATCAGATCAGCAGGCAAAATAAGCTCATTCAAG
 AAAAAAGGATAACTTGTAAAATTGATTGCTGAAGTAAAAGGCAAAAAGCAGGAATTGG
 AAGTACTGACTGCAATATCCAGGATCTTAAGGAAGAATATTCTAGGAAGAAGGAACTA
 TTTCTACTGCTAATAAAGCGAATGCAGAGAGTTGAAAAGGCTGCAGAAATCTGCAGACT
 TGTATAAAGATCGACTTGGACTAGAAATTCGAAAAATTTATGGTGAGAAATTGCAGTTTA
 TTTTCACTAATATTGACCCTAAGAATCCTGAGAGCCCATTATGTTTTCTTACATCTCA
 ATGAAGCAAGGGACTATGAAGTGTGAGATAGTGCCTCATCTTGAGGGCCTAGCAGAAT
 TTCAAGAGAATGTAAGGAAGACCAACAATTTTTCAGCTTTTCTTGCCAATGTTTCGAAAG
 CTTTTACTGCCACGTTTATAATTAACATACAAATAGTGTATATAAAACGGTTTATTTT
 TCTTCTCTATTACATATCTTTTTTTTCTGTTTTTATTATTACTATACTTTAAGTTTT
 AGGGTACATGTGCACAATGTGCAGGTTTGTACATATGTATACATGTGCCATATTGGTGT
 GCTGCACCCATTAACTCGTCATTTTCATTAGGTATATCTCTAATGCTATCCCTCCCCCT
 CCCCCAACCCACAACAGTCCCCGTTGTGTATGTTCCCTTCTGTGTCCATGTGTTCTC
 ATTGTTCAATTCACCTAGGAGTGAGAATATGTGGTGTGTTTTGTCCTTTTCGAT
 AGTTTGCTGAGAATGATGGTTCCAGCTTCATCCATGTTCTACAAAGGACATGAACCTCA
 TCCTTTTTTATGGCTGCATAGTATTCATGGTGTATATGTGCCACATTTTCTTAATCCAG
 TCTATCATTGTTGGACATTTGGGTTGGTTCCAAGTCTTTGCTATTGTGAATAGTGCCGAA
 ATAAACATACGTGTGCATGTGTCTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA



5' Read Nucleotide Sequence:	>OriGene 5' read for NM_020675 unedited <pre> TCACTATAGGCGGCCGCAATTCGCCATTACGGCCGGTTTTGAAATCGGAAATTGGCG GGGCTGCGGGAGCTGAGCCTAGAGTCCGGCTGTTGGCTAGAGTGGCGCGGATCTGGTGT GGGGAAGGCGGGGACTCAGGCCTGCCTGCGAAGCATTGCTCTACATAATGGTAGAGGA CGAACTGGCACTTTTCGATAAAAGCATAAATGAATTTTGAATAAATTCAAAAGTACGGA CACCTCTGTCTGATGGCGGACTAAGAGATACCTACAAGGATTCCATCAAAGCATTGTC AGAAAAGCTGTCTGTGAAATTAAGGAAGAAGAACGAATGGTTGAGATGTTTCTGGAATA TCAAAATCAGATCAGCAGGCAAAATAAGCTCATTCAAGAAAAAAGGATAACTTGTTAAA ATTGATTGCTGAAGTAAAGGCAAAAGCAGGAATTGGAAGTACTGACTGCAAAATATCCA GGATCTTAAGGAAGAATATTCTAGGAAGAAGGAACTATTTCTACTGCTAATAAAGCGAA TGCAGAGAGGTTGAAAAGGCTGCAGAAATCTGCAGACTTGATAAGATCGACTTGGACT AGAAATTCGAAAAATTTATGGTGAGAAATTGCAGTTTATTTTCACTAATATTGACCCCTAA GGATCTGAGAGCCCATTTATGTTTTCTTACATCTCAATGAAGCAAGGGACTATGAAG TGTCAGATAGTGCCCTCATCTTGAGGGCCTAGCAGAAATTCAGGAGAATGTAAGGGAA GACCCAACATTTTTTCAGCTTTTCTTGCCAATGGTCCGAAAGCTTTTACTGGCACCG GTTTATAATTA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_020675
Insert Size:	1376 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_020675.3, NP_065726.1</u>
RefSeq Size:	1375 bp
RefSeq ORF:	675 bp
Locus ID:	57405
UniProt ID:	<u>Q9HBM1</u>

Cytogenetics: 2q24.3

Protein Families: Druggable Genome

Gene Summary: This gene encodes a protein that may be involved in kinetochore-microtubule interaction and spindle checkpoint activity. [provided by RefSeq, Jul 2008]