

## Product datasheet for **MC220013**

### Shcbp1l (NM\_001033162) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Shcbp1l (NM_001033162) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Shcbp1l
Synonyms:	1700012A16Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC220013 representing NM\_001033162  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGAGTCGGATGCCACGACCTCAGAGCCCAAGGCCTCGTTCGGGAGTGACAGCTCGCCAGCGGAGCAGA  
 CTGTCTTAGCCACCTCCGGGACTCGGTGGCCGCGCCACCAGGGGCTTCATGTCCCCCGTGCCTCGGT  
 AGTGGCCTCCCCGCGCCCGTGAAGGGCAAGGCGGCACGCGACGGCTCCAGCTCCACCGGTACCCCAA  
 GCCGAAACATGTGACGAGGAGCCCGTGCCTCGGTGCCTGAGGACCAGGAGGAAGCGCAGCCCTGCCAC  
 CGATCTACGCATCCCCATGAGGGGCATGTGGCGCAGCGAGAAGGTGGCTCTGTACTGCGACCAGGTGCT  
 ACAGGGCTCGAAGGCAGAAGATGCAGAGGAAGCTATGAGTAGATACCTGTTGGAGAAGCTGAAAGCGAAG  
 GACAGATGGCTCGGAGTCTGGAAGAGTAACCCGGAGCTCTTTTGGAAAATATGAAGAGGCGTCCATCC  
 CTTTTGTTGGGATCCTGGTCGAGGTAACGTGTAACCCCGCCAGAACTTGTGCTTGTGTTCAAAGTGAC  
 AGTTTCTGTGGCTGAGCCCTTTTCTTAACATTGCAAAATATCCCTCGGACTTGGTGGACGAGGTTCTG  
 GCGGAGCTGGAATACAGCGCGCCTCTCCTGGAGGTGATCCCGTGGACGGGACGAGGACGCCGATGTCCGAG  
 ACATTGCTCTGGCCCTGGAAGTTGTAAGTTTTTTATGATTTTTCTTTGGAGAGACTGGGATGATGAAGA  
 AAATTGTGAGAATTATACTGCCCTTATTGAAGAAAGAAATTAATCTGTGGTGCACATCCAGGACGGGACA  
 ATCCCCGGCCCCATCGCGCAGCGCTTCAAGAAAACGCTCGAGAAGTACAAAAACAAGCGAGTTGAGCTCA  
 TCGAGTACCAGAGCAACATCAAGGAAGACCCGTCTGCGGCCGAGGCCGTGAGTGTGGAAGAAGTACTA  
 TGAGATAGTGCTCTGCGGGCTGTGAAGATGTGGGAAGACTTGGCGCTAAGAGTTTATGGACCTTTC  
 TTTCCGAGGATTCTGAGACGTAGAAAAGGAAGAGAGACTTTGGGAAGACTATAACCCACATCGTAGCCA  
 AAGTGATGACCACCGACATGGTAAAGAACTTGTCTTCTGACACTTCTGCAGCAGCATAATGACCTGAA  
 CCTGGCTTTGGACAGCTGCTATAGTGGAGATATAGTAGTCATTTTCCCGGAGAATATCAAGCTTCAAAC  
 CTCGCTTTGTTGACTGATGACATCACTATAAAGGGAGTTGGAAGAGAGAAGAAATTATGATTACTTCTG  
 AACCTTCGCATGACAGTTTTGTGGTATCCAAGCTGATAATGTGAAATTAATGCAGCTTTCTTTGATACA  
 ACAAGGGACAGTTGATGGCATTGTGGTGTAGAGTCTGGTACCTGACTCTTGAAGACTGCTGCTAAAG  
 TGTGAAGGGACAGGAGTGTGCTTCTCACAGGGGCTTCACTGACGATCACAAACAGTGAGATAACTGGTG  
 CCCAGGGTGTGGTGTGAACTGTATCCTGGGAGCATAGCCATTTTGAAGGGAATGAGATTCATCACTG  
 TAATAACCTCAGAACCAGTGACAGCTCAAAGAGCACCTTAGTGGTGTAAACATGAAGGTTCTTCCAGCA  
 CCCAAACTGAAGATGACGAACAATCATATCTACAACAACATGGCTATGGAGTGAGCATTCTTCCAGCAT  
 CGGAACAGTTCTTTATTGTAGCAGAAGCAGCTCTCAACAAGGGGCTGCTTCAGGAGATAAGAAAGATGA  
 CAAAATGCTCTCAAAGTCATGCAAACTCTGAATGTGGAATGAACAACAACAGGATAGAAGCCAACCTTA  
 AAGGGGGATATTAGGATAGTCACCGGG**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001033162
- Insert Size:** 1920 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.

**RefSeq:** [NM\\_001033162.2](#), [NP\\_001028334.1](#)

**RefSeq Size:** 2045 bp

**RefSeq ORF:** 1920 bp

**Locus ID:** 71836

**UniProt ID:** [Q3TTP0](#)

**Cytogenetics:** 1 G3

**Gene Summary:** Testis-specific spindle-associated factor that plays a role in spermatogenesis (PubMed:24557841). In association with HSPA2, participates in the maintenance of spindle integrity during meiosis in male germ cells (PubMed:24557841).[UniProtKB/Swiss-Prot Function]