

## Product datasheet for **MC205274**

### Shcbp1 (NM\_011369) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Shcbp1 (NM_011369) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Shcbp1
Synonyms:	mPAL
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC070455  
 GGTTTGTGACAGCCGCCCGCTAAATTTGAAATGGCTGATGATTTGCGGGCTGGTGGAGTTCTGGAACCT  
 ATAGCTATGGTCCACCGAGACCTGACTTGGCGGCGGAGAAGGAACCGCGTCTTGAAGGAAGGTTTAT  
 TCTTGGATGCAGATCCATGCAGTATCAAGGCTATCATGCTAATCCAGGTGCTACTGTAAAACTCAT  
 ACCAGAAGGAAAACTCCTTTCCACGAATTATCCAAACAATGAACTTCTGTTTTATGAACGATTGAGA  
 GCCTATCAAGATTACATTTTAGCTGACTGTAAGGCCTCTGAGGTAAGGAATTCACAGTCAGCTTCTGG  
 AAAAGGTCCTTGAACCATCTGGATGGTGGGCAGTCTGGCACACTAATGTGTTTGAGGTGTTGGTTGAGG  
 TACAAATGTGGACTTCCATCCCTGAAGCGGTGTAAGGCTTGCAGAGCCATGCATCTATGAATCTAAA  
 TTGAGCACGTTTACCTTGGCCAATGTGAAGGAGCTTTTGGACCTGAAGGAGTTTTCATCTGCCTCTGCAGG  
 AGTTGTGGGTGGTATCAGATGACTCACATGAATCCACCAGATGGCACTTGAATTGAGCACGTCAGATT  
 TTTCTACAAACACATCTGGAGGAGTTGGGATGAGGAAGAGGAGGATGAGTATGACTATTTTGTGAGATG  
 GTTGAACCTCGACTGAGATTGTATTATGACATACTTGAAGATCGAGTTCCTCGGGACTTATTGTTGACT  
 ACCACAATCTGTTGTCTCAATGTGAAGAGAGTTACAGGAAATTTTAAATCTGAGAAGCAGTTTGTCCAA  
 TTGTAATTCTGATTCTGAGCAGGAAAATATCTCCATGGTGAAGGGTTAAATTTGATTTCAGAAAATTGAA  
 CAGTTGAAACAAAAGCTAAAGCTCATTGAGAATCCTTTGTTAAGATATGTTTTTGGTTATCAGAAGAACT  
 CTAATATCCAAGGAAAGGTAAGTCTGTCAAAATGGCCAGAAGGTATCCATGTGGTTTCTCCACCATGAA  
 GACAGGCTACTTTCGGTCTCTATTCAAGGACAGGTTTTTGTGAGGAGTCTTGCAAAAGAAAACAGAAATT  
 AAGTTCCATAGTATCTGTTGTCTGGTATAAATGCCTGCTATGATGGTGACACTGTCATTATTTGTCCTG  
 GCCATTATGTAGTTTATGGCACCTGTTCCATAGCTGACTCCATTGAGTTGGAAGGATATGGCCTACCAGA  
 TGACATTGTATAGAAAAGAGGGGCAAAGGAGATACTTTTGTGGATTGCACGGGTATGGATGTTAAAATT  
 TCAGGCATAAAATTTATTCAGCATGATTCTGTGGAAGGAATCTTAATCATTACCATGGCAAGACCACAC  
 TGGAAAACGTGTACTACAATGTGAAACCACAGGAGTACAGTGCACACATCAGCAGAATTTTTCATGAA  
 AAATCAGATGTATATGGTGCCAAAGGTTGCTGGTATAGAAAATATCCTGGAAGTAAATGTACCCTGACT  
 GACAATGGAATCCATCACTGCAAGGAAGGAATTCATTAAAGGACTTCTTGTATGAACATTATGATATTC  
 CCAAAATATCGATGATAAATAACGTCATACACAATAATGAAGGTTATGGTGTGTTTTGGTGAAGCCTAC  
 AATTTTCTGTGATCTACAGGAAAATACACAAGATGAAATTAATGACAATATGGTTCAGAAAAATAAGAG  
 GCAGATGCTCACTGAAGGATTAGATCTGGAAGAAATGCTTCAGTGTGTGGCTAGCAAAATGGAGCCTTATG  
 CCACAGCTGACTTTAATGAACAAGCTAAGGGAACTGTGAAATTATAAATGAACTACTTGTATTTCCAT  
 GCAAAAAGGCCGGATGAAGAAAAGACTGAGTGAACCTGGGATTACACAAGCTGATGACAACATAATGTCA  
 CAGGAGATGTTTATTGAAATTATGGGGAACCAGTTTAAGTGAATGGCAAAGGGAGTTTTGGCACATTTT  
 TTTACTAGCTACAATAATCAATACTCACAAAATACTGTATTTGAACATGTCTTAAGTATGCTGCTTA  
 TATACTTTGCTTCATTTGCTTCATGGCTGTGATTATATAAAGTGTACTTGATTAAAAAAAAAAAAAAAAAA AAAAAAAAAAAAAAAAAA

**Restriction Sites:** Ascl-NotI

**ACCN:** NM\_011369

**Insert Size:** 2007 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:** [BC070455](#), [AAH70455](#)

**RefSeq Size:** 2185 bp

**RefSeq ORF:** 2007 bp

**Locus ID:** 20419

**UniProt ID:** [Q9Z179](#)

**Cytogenetics:** 8 A1.1

**Gene Summary:** May play a role in signaling pathways governing cellular proliferation, cell growth and differentiation. May be a component of a novel signaling pathway downstream of Shc. Acts as a positive regulator of FGF signaling in neural progenitor cells.[UniProtKB/Swiss-Prot Function]