

## Product datasheet for **MC203620**

### Shkbp1 (NM\_138676) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Shkbp1 (NM_138676) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Shkbp1
Synonyms:	B930062H15Rik; Sb1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >BC061477  
 GGGCTATGGCCGTCGCGACGACTGCAGTGGAGGGGTCCCAGTCGGGGAGCACCCGGGGAAGTGATTCA  
 TCTGAACGTAGGGGGCAAGCGTTACGTACCTCTCGCCAGACGCTTACCTGGATCCCAGACTCCTTCTTT  
 TCCAGTCTTTTGGAGCGGACGCATCTCAACCCTGAAAGATGAGACCGGAGCTATCTTCATCGACCCGGGACC  
 CCACCGTCTTTGCCCCATCCTTAATTTCTGCGGACCAAGAGTTAGATCCCAGGGGTGCCATGGTTC  
 CAGCCTCCTCCATGAAGCCCAATTCTACGGACTCACTCCACTGGTTCGTGCGCTGCAGGTGAGGGAAGAG  
 TTGGATCGATCTTCTGCGGAAATGTCCTTTCAATGGTTATCTACCTCCTCCAGTGTCCCAAGTGAAGC  
 GCGGAAACCGGCACAGCCTGGTGGGGCCCAAGCAATAGGGGGACGCCAGCCCTGTTTCGACGGAGCAA  
 CACGATGCCCCCAACTTGGGTAATGCAGGGCTGCTGGGCCAATGTTAGATGAGAGAGCACCTCCATCC  
 CCATCAGGCCAACAGAGGAGCCAGGGATGGTGCCTGGTGTGGTACCACAAGTGGATTGCTGTGG  
 CATATACCCACTTTCTGCTGTATAGGTTGAAGGAAGCCTCGGGCTGGCAGCTTGCACTTCCAGCCC  
 GCGCCTGGACTGGCCATCGAGCGCTGGCTTTGCGGCTCGGGTCTGGCGGTGCTCCGGGTGAGCAT  
 GACAAGATGGTGGCTGCAGTACTGGCAGCGAGATCCTTCTGTGGGCCCTACAAGACAAGTGGTGGCT  
 CTGAGATAGGTGCTTCCACTGGGTGTCCAGTGGAGGCCTTGTCTTTGTTGGGAATCAGCTCATTGC  
 CACAAGTCACACAGGGCGCATCGGTGTCTGGAACGCTGTACCAAGCACTGGCAGGTCCAGGAGTCCAG  
 CCTATCAGAGCTATGATGCAGCCGGCTCCTTCTCCTCCTGGGCTGCAGCAATGGCTCCATCTATTATG  
 TAGATGTGCAGAAATTTCCCCTGCGGATGAAGGACAACGATCTCCTTGTCAAGTGTACCGAGACCC  
 AGCAGAGGATGGGGTACCGCCCTCAGCGTCTACCTCACCCCAAGACCAGTGCAGTGGGAACTGGATT  
 GAGATTGCCTATGGCACCAGCTCCGGGGTGGTGGCGGTCAATTGTGCAGCACCCCTGAGACGGTGGGCTCGG  
 GACCCAGCTCTTCCAGACCTTCAAGTGTGCACCCGAGCCCGGTCACTAAGATCATGCTGTGAGAGAAGCA  
 TCTTATCTCTGTGTGTGCCGACAACAACCATGTTCCGACGTGGTCTGTGACCCGCTTTTCGAGGCATGATC  
 TCCACCCAGCCTGGTCCACTCCGCTGGCATCCTTCAAGATCCTGGCGCTGGAATCTGTTGATGGGCTCG  
 GTGGCTGCAGTGTGGCAATGACATTGGTCCCTATGGTGAACGGGATGACCAGCAGGTGTTCCATCCAGAA  
 AGTGGTGCAGAAATGCCAGTCAGCTATTTGTGCGTCTCTTCCACTGGGCAGCGGGTGTGTTCTGTGCGC  
 TCGGTGGATGGGTCTCCCACGACTGCCTTCAAGTGTGGAGTGTGAGGGCTCCAGGCGGCTGGGCTCCA  
 GACCCGACGTTACCTGCTCACTGGTCAAGGCAACGGCAGCCTGGCCATGTGGGACCTGACCACTGCCAT  
 GGATGGCTGGGCAAACTCCTGCAGGGCGCTGACAGAAGAAGAGCTGATGGACCAACTGGAGCAATGT  
 GAGCTGAGCCATTGGCTTCTCTCGGGGCTCTTTCCCAGCCCTCACCCAGGACTCTTACCAGTC  
 TCCACTCAGCCTCAGCAACACCTCCCTGTATGGCCCCAGAGGGAGCCCCAGCCACCACAGGCAGAGGC  
 CCGTCCGCGGGGCGAGGAAGCTTCGTGGATCGGTGTGAGGAAGTGGCAAGGGGTGCGCCAGAGCTCAGA  
 TGCCGCCAACACCAGCCCTCGACCTCCACCAGTCTTGGGAATCCCCTGACAGCTCTCAAGAAAACCTC  
 TTAACGAAACTTCTTTTGAATCTAGCCACCAATGTGCCTTCATGTGACTGGTCCCAGGGGACTTGAA  
 CTGGGGAGGGGGCTTCTGTTGGAGCCAGGGCCAGGGGCTCCTTGGTGTAACTGTGTGCGCCAGGTTCCC  
 ACCTCTCTCTTTTCTAAAAGCCAAAGCCACTATCTCCAATAAAACCGTCACTGCCAACAAAAAAAAAAAA  
 AA  
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_138676

**Insert Size:** 2115 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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<a href="#">BC061477</a> , <a href="#">AAH61477</a>
<b>RefSeq Size:</b>	2409 bp
<b>RefSeq ORF:</b>	2115 bp
<b>Locus ID:</b>	192192
<b>UniProt ID:</b>	<a href="#">Q6P7W2</a>
<b>Cytogenetics:</b>	7 A3
<b>Gene Summary:</b>	Inhibits CBL-SH3KBP1 complex mediated down-regulation of EGFR signaling by sequestration of SH3KBP1. Binds to SH3KBP1 and prevents its interaction with CBL and inhibits translocation of SH3KBP1 to EGFR containing vesicles upon EGF stimulation (PubMed:21830225).[UniProtKB/Swiss-Prot Function]