

Product datasheet for **SC324510**

SHKBP1 (NM_138392) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SHKBP1 (NM_138392) Human Untagged Clone
Tag:	Tag Free
Symbol:	SHKBP1
Synonyms:	PP203; Sb1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF:

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>OriGene sequence for NM_138392.1
GGGGGGCTCGCCCGGGGCCATGGCAGCAGCGGCTACTGCAGCCGAGGGGGTCCCCAGTC
GGGGGGCTCCCGGGGAAGTCATCCATCTGAATGTGGGAGGCAAGAGATTCAGTACCTCTC
GCCAGACTCTCACCTGGATCCCAGACTCCTTCTTCTCCAGTCTTCTGAGCGGACGCATCT
CGACGCTGAAAGATGAGACCGGAGCAATCTTCATCGACAGGGACCCTACAGTCTTCGCCC
CCATCCTCAACTTCCTGCGCACCAAAAGATTGGATCCCAGGGGTGCCACGGTCCAGCC
TCCTCCATGAAGCCAGTCTATGGGCTCACTCCTCTGGTTCGTGCGCTGCAGCTTCGAG
AGGAGTTGGATCGATCTTCTTGTGGAAACGTCCTCTCAATGGTTACCTGCCGCCACCAG
TGTTCCAGTGAAGCGGGAACCGGCACAGCCTAGTGGGGCTCAGCAGCTAGGAGGAC
GGCCAGCCCTGTCCGACGGAGCAACACGATGCCCCCAACCTTGGAATGCAGGGCTGC
TGGGCCGAATGCTGGATGAGAAAACCCCTCCCTCACCTCAGGACAACCTGAGGAGCCGG
GGATGGTGCCTGGTGTGTGGACACCATAATTGGATCGTGTGGCTATACCCAGTTTC
TAGTCTGTACAGTTGAAGGAAGCCTCTGGCTGGCAGCTGGTGTTCAGCCCCCGCC
TGGACTGGCCATCGAACGACTGGCGCTCACAGCCGGGTGCATGGTGGGGCTTTGGGTG
AACATGACAAGATGGTGGCAGCAGCCACCGGCAGCGAGATCCTGCTATGGGCTCTGCAGG
CGGAAGCGGTGGCTCCGAGATAGGGGTCTTTCATCTGGGGGTGCCTGTGGAGGCCTTGT
TCTTCGTGCGGAACCAGCTCATTGCTACAAGCCACACAGGGCGCATCGGGGTGTGGAATG
CCGTACCAAGCACTGGCAGGTCCAGGAGGTGCAGCCATCACCAGTTATGACGCGGCAG
GTCCTTCTCTCTGGGCTGCAACAACGGCTCCATTTACTACGTGGATGTGCAGAAAT
TCCCTTGGCATGAAAGACAACGACCTCCTTGTGAGCGAGCTCTATCGGGACCCAGCGG
AGGATGGGGTCAACCGCTCAGTGTCTACCTCACCCCAAGACCAGTGACAGTGGAACT
GGATCGAGATCGCTATGGCACCAGCTCAGGGGGCGTGCAGGTCATCGTGCAGCACCCGG
AGACTGTGGGCTCGGGCCCTCAGCTCTTCCAGACCTTCACTGTGCACCCGAGCCCTGTCA
CCAAGATCATGCTGTCGAGAAGCACCTCATCTCAGTCTGTGCCGACAACAACACGTGC
GGACATGTTCTGTGACTCGCTTCCGCGGCATGATTTCCACCCAGCCGGCTCCACCCAC
TCGCTTCTTTAAGATCCTGGCTCTGGAGTCGGCAGATGGGCATGGCGGCTGCAGTGCTG
GCAATGACATTGGCCCTACGGTGAGCGGGACGACCAGCTAGTGTTCATCCAGAAGGTGG
TGCCAGTGCCAGCCAGCTTTCGTGCGTCTCTCATCTACTGGGCAGCGGGTGTGCTCCG
TGCGCTCCGTGGACGGCTACCCACGACGGCTTACAGTGTGGAGTGCAGGGCTCCC
GGCGGCTCGGCTCTCGGCCCGGCGCTACCTGCTCACTGGCCAGGCCAACGGCAGCTTGG
CCATGTGGGACCTAACCCAGCCATGGACGGCTCGGCCAGGCCCTGCAGGTGGCTGA
CGGAGCAAGAGCTGATGGAACAGCTGGAACACTGTGAGCTGGCCCCGCGGCTCCTTCAG
CTCCCTCATGGGGCTGTCTCCCCAGCCCTCACCCCGCATCTCCCTCACCAGCCTCCACT
CAGCCTCCAGCAACACCTCCTTGTCTGGCCACCGTGGGAGCCCAAGCCCCCGCAGGCTG
AGGCCCGGCGCGTGGTGGGGGAGCTTTGTGGAACGCTGCCAGGAACTGGTGGGGAGTG
GGCCAGACCTCCGACGGCCACCCACACCAGCCCGTGGCCCTCCAGCGGTCTCGGCACTC
CCCTCACACCTCCAAGATGAAGCTCAATGAAACTTCTTTTGAACAACGCAGCTGCCAT
GATGCCTTGGGATGCCCTGGTCTGGGGACTCAGGTGCCTCCCTGATTCTGTGGGAAC
CCCGGTTTCAGGGCCAGGGCTCCTTGAATAAATGGTTATTGTTACTAGTCCCCACCT
TCCCTCTTTTCTGGAAGCCAAGTCAAGCTCAGCCTCCCAATAAAGTCTCACTGCCTAAAAAA
AAAAAAAAAAAAAAAAAAAAA
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Restriction Sites:

Please inquire

ACCN:

NM_138392

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_138392.1](#), [NP_612401.1](#)

RefSeq Size: 2362 bp

RefSeq ORF: 2124 bp

Locus ID: 92799

UniProt ID: [Q8TBC3](#)

Cytogenetics: 19q13.2

Domains: BTB, WD40, K_tetra

Protein Families: Ion Channels: Other

Gene Summary: 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.
[UniProtKB/Swiss-Prot Function]