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Product datasheet for SC122216

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
Vector:	pCMV6-XL4
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None

View online »

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Fully Sequenced ORF:

>NCBI ORF sequence for NM_138392, the custom clone sequence may differ by one or more nucleotides

ATGGCAGCAGCGGCTACTGCAGCCGAGGGGGTCCCCAGTCGGGGGCCTCCCGGGGAAGTCATTCATCTGA
ATGTGGGAGGCAAGAGATTCAGTACCTCTCGCCAGACTCTCACCTGGATCCCAGACTCCTTCTTCTCCAG
TCTTCTGAGCGGACGCATCTCGACGCTGAAAGATGAGACCGGAGCAATCTTCATCGACAGGGACCCTACA
GTCTTCGCCCCCATCCTCAACTTCCTGCGCACCAAAGAGTTGGATCCCAGGGGTGTCCACGGTTCCAGCC
TCCTCCATGAAGCCCAGTTCTATGGGCTCACTCCTCTGGTTCGTCGCCTGCAGCTTCGAGAGGAGTTGGA
TCGATCTTCTTGTGGAAACGTCCTCTTCAATGGTTACCTGCCGCCACCAGTGTTCCCAGTGAAGCGGCGG
AACCGGCACAGCCTAGTGGGGCCTCAGCAGCTAGGAGGACGGCCAGCCCCTGTCCGACGGAGCAACACGA
TGCCCCCCAACCTTGGCAATGCAGGGCTGCTGGGCCGAATGCTGGATGAGAAAACCCCTCCCTCACCCTC
AGGACAACCTGAGGAGCCGGGGATGGTGCGCCTGGTGTGTGGACACCATAATTGGATCGCTGTGGCCTAT
ACCCAGTTTCTAGTCTGCTACAGGTTGAAGGAAGCCTCTGGCTGGCAGCTGGTGTTTTCCAGCCCCCGCC
TGGACTGGCCCATCGAACGACTGGCGCTCACAGCCCGGGTGCATGGTGGGGCTTTGGGTGAACATGACAA
GATGGTGGCAGCAGCCACCGGCAGCGAGATCCTGCTATGGGCTCTGCAGGCGGAAGGCGGTGGCTCCGAG
ATAGGGGTCTTTCATCTGGGGGTGCCTGTGGAGGCCTTGTTCTTCGTCGGGAACCAGCTCATTGCTACAA
GCCACACAGGGCGCATCGGGGTGTGGAATGCCGTCACCAAGCACTGGCAGGTCCAGGAGGTGCAGCCCAT
CACCAGTTATGACGCGGCAGGCTCCTTCCTCCTCCTGGGCTGCAACAACGGCTCCATTTACTACGTGGAT
GTGCAGAAGTTCCCCTTGCGCATGAAAGACAACGACCTCCTTGTCAGCGAGCTCTATCGGGACCCAGCGG
AGGATGGGGTCACCGCCCTCAGTGTCTACCTCACCCCCAAGACCAGTGACAGTGGGAACTGGATCGAGAT
CGCCTATGGCACCAGCTCAGGGGGCGTGCGGGTCATCGTGCAGCACCCGGAGACTGTGGGCTCGGGGCCT
CAGCTCTTCCAGACCTTCACTGTGCACCGCAGCCCTGTCACCAAGATCATGCTGTCGGAGAAGCACCTCA
TCTCAGTCTGTGCCGACAACAACCACGTGCGGACATGGTCTGTGACTCGCTTCCGCGGCATGATTTCCAC
CCAGCCCGGCTCCACCCCACTCGCTTCCTTTAAGATCCTGGCTCTGGAGTCGGCAGATGGGCATGGCGGC
TGCAGTGCTGGCAATGACATTGGCCCCTACGGTGAGCGGGACGACCAGCAAGTGTTCATCCAGAAGGTGG
TGCCCAGTGCCAGCCAGCTCTTCGTGCGTCTCTCATCTACTGGGCAGCGGGTGTGCTCCGTGCGCTCCGT
GGACGGCTCACCCACGACAGCCTTCACAGTGCTGGAGTGCGAGGGCTCCCGGCGGCTCGGCTCTCGGCCC
CGGCGCTACCTGCTCACTGGCCAGGCCAACGGCAGCTTGGCCATGTGGGACCTAACCACCGCCATGGACG
GCCTCGGCCAGGCCCCTGCAGGTGGCCTGACGGAGCAAGAGCTGATGGAACAGCTGGAACACTGTGAGCT
GGCCCCGCCGGCTCCTTCAGCTCCCTCATGGGGCTGTCTCCCCAGCCCCTCACCCCGCATCTCCCTCACC
AGCCTCCACTCAGCCTCCAGCAACACCTCCTTGTCTGGCCACCGTGGGAGCCCAAGCCCCCCGCAGGCTG
AGGCCCGGCGCCGTGGTGGGGGCAGCTTTGTGGAACGCTGCCAGGAACTGGTGCGGAGTGGGCCAGACCT
CCGACGGCCACCCACACCAGCCCCGTGGCCCTCCAGCGGTCTCGGCACTCCCCTCACACCTCCCAAGATG
AAGCTCAATGAAACTTCCTTTTGA

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5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_138392 unedited
GGGGNNNNNGGGGGGNNNNNNNNNTCCCNNNNNNTTGTTCAGATTTGTATACAATCATAT
AGGCGGCCGCGNAATTCGCACCAGCCAGCCGGCTCGCCCGGGGGCCATGGCAGCAGCGGC
TACTGCAGCCGAGGGGGTCCCCAGTCGGGGGCCTCCCGGGGAAGTCATTCATCTGAATGT
GGGAGGCAAGAGATTCAGTACCTCTCGCCAGACTCTCACCTGGATCCCAGACTCCTTCTT
CTCCAGTCTTCTGAGCGGACGCATCTCGACGCTGAAAGATGAGACCGGAGCAATCTTCAT
CGACAGGGACCCTACAGTCTTCGCCCCCATCCTCAACTTCCTGCGCACCAAAGAGTTGGA
TCCCAGGGGTGTCCACGGTTCCAGCCTCCTCCATGAAGCCCAGTTCTATGGGCTCACTCC
TCTGGTTCGTCGCCTGCAGCTTCGAGAGGAGTTGGATCGATCTTCTTGTGGAAACGTCCT
CTTCAATGGTTACCTGCCGCCACCAGTGTTCCCAGTGAAGCGGCGGAACCGGCACAGCCT
AGTGGGGCCTCAGCAGCTAGGAGGACGGCCAGCCCCTGTCCGACGGAGCAACACGATGCC
CCCCAACCTTGGCAATGCAGGGCTGCTGGGCCGAATGCTGGATGAGAAAACCCCTCCCTC
ACCCTCAGGACAACCTGAGGAGCCGGGGATGGTGCGCCTGGTGTGTGGACACCATAATTG
GATCGCTGTGGCCTATACCCAGTTTCTAGTCTGCTACNAGGTTGAAGAAGCCTCTGNNNC
TGCAGCTGTGTTTTCCAGCCCCGCCTGGACTGGGCCATCGAACGACTGGCGCTCACAGCC
CCGGTGCATGGTGGGGCTTNTGGTGAACATGACAAGATGGTGGCAGCAGCCACCGGCAGC
GAGATCCTGCTATGGNCTCTGCA
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Restriction Sites: NotI-NotI

ACCN: NM_138392

Insert Size: 2700 bp

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

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

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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]

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