

Product datasheet for **SC217275**

SSH3BP1 (ABI1) (NM_005470) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SSH3BP1 (ABI1) (NM_005470) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ABI1
Synonyms:	ABI-1; ABLBP4; E3B1; NAP1BP; SSH3BP; SSH3BP1
ACCN:	NM_005470
Insert Size:	1992 bp



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Insert Sequence: >SC217275 3' UTR clone of NM_005470
 The sequence shown below is from the reference sequence of NM_005470. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site
Blue=Stop Codon

CAATTGGCAGAGCTCAGAATTCAA**GCGATCGC**

CCTGGGA ACTATGTTGAATCAATCATGCACTATACTGAT**TAA**TTTTTTTTTTCTTTTGAAGTAGATTCT
 TATTACTCAGTCATACTGTGGGACTATTATGGTTAACAGAAGTCTTAATATGTTTTAAATGTGCCCA
 TATTTTCAGAACATGCTGTTTTATTGGTAAATTGAATGTCTACCTGTAAGCATAAATCTTTGAGGCACTT
 TATGTATTGCTGAATAGCAATTTATAACAAGAAGCTGCCATAACTGATTATGCTTATGTACTTACTTACA
 CATTTTTAACTTTATGACCAGCCTAAATATTCTGGGGAAAGTGGGGTATAATATTTAACGAATCATGATT
 CAGATTGTACCATTACATGTTTCAGTGCAGCATGGTTACTAACGCTATGTCAGACTAATATTTAAATCAG
 AAAATTTAAATGCTGGTCTGGTCCAGACTTTTTTTGTTAGATTCTCTCATTTAAAAAAAATACTGTTTGT
 TTAAAGCATGCATAAAAAATTTATGTATTGAAATATACTTAAAAATTCAGATGCTTCCCATTTGTGTAAT
 ATTTACCTGGAGGACTCGTACTTAGGTGTCTTAACGTGAATTGAGTCTCCAAGGCTCCATGTGAAACAA
 GCAAAAAGAGAATTATCTGTAATGTTGTAATTTGTACCTAAGTTTTTAAATGAGTGAAATTTGCATTATA
 AACTTTTTCCATTATAAATACATAAGTGAACCAAGGTTTTGTCTTTCCCTTCACTGATTTGCTTTAA
 AAAAAATAAAGATAATGATTTATTGCAGAATTATGATTCTATTTTCTCAATATGTTAACTTGGAAAAA
 ATTTTAGCCTTATCTTAATCTGTCCCAACAGCAATGTGACGGATTTTGCAGATTCAAAATCTGCAATGG
 TTATTTACAAGTCAATCTACTGAATTCCTTTTTAAATAATCTTTGAACTAAGAAAAATGTGCAAAAT
 GTGTGCATTCATTCTGTAGGTAATTTCTTAAGGATTGCCATGTCAGTCCTTCAGTTGTACAGTGAAGT
 TTGTACACTGGTTCAATGAAAGGAAGTTAAAAGTACCTTTTACATATTGTAAAAGTGGATACAGTTGATT
 TGTGAGTAGGCACTCTTTAATCCATTACCTGGCACTAGCAACATTAGAATTTTAAAAATAAATAATTGGG
 AAAGAAGGTGGTTCATGTATTAATCAGTGAACAGAGATTTACCTAACCAACAGACTTGGATTGTCTTTTG
 ACATAATCAAAATGCAACACATGCACCTTTGTGTCTCCTCTTAATTGAAGGGAGGGCTGAGGGATGTTT
 TCTCTTCTGTCTGTGTATAATTCTCTATTGCTTAGGATATTAAGTAGAGCACTCAAGTGTGGGTTTC
 TGTGTTATTGAGGATTTGTTTGAATTCAAATTACAGTTATGACTGGATGCTACAGACTTATAACAGCA
 TAGTGAATGGTAAAGACTAGTGCAAAACAGTTATTTCTGAAAATTAAGACCATTATTGCTACCAATCAA
 TGTGACTATTTTCATATGCATTTTGCCTTTGTTAATTTTAAACAAACAAAGTATCATTAGTGATCAGCTAG
 CTACCTTCTACTTTCCATTTTTCAAGTGGATTGTTCTCTTAATTTGTATATAACCTGTTGTCTAAATTTT
 ATGTACAGTCTTTTATAATAAACCAATTCTCCTATATGAAATTTTGGTACTGTTAAAAATAAATCATGT
 GGACTTCAATGCAGACTTCACATTTTTCTGACCTTTACTCCTACGGTAAATCAAGACAAACCAATTTGAAT
 TTTAACATTGGTTATTTATTTGTGTAATGGCCTTACATGTGGATTAACAGTGTAAACAATACCACATA
 TAACCATCAAGATACCTTGATTATAATTTATAGGACTAGAATGACAGATTCAGGTGGTTTATTAATTACA
 TTTAAAAAGTTTTCTGAAAAAATTTTGAAT

ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCG

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_005470.2](#)

Summary:

This gene encodes a member of the Abelson-interactor family of adaptor proteins. These proteins facilitate signal transduction as components of several multiprotein complexes, and regulate actin polymerization and cytoskeletal remodeling through interactions with Abelson tyrosine kinases. The encoded protein plays a role in macropinocytosis as a component of the WAVE2 complex, and also forms a complex with EPS8 and SOS1 that mediates signal transduction from Ras to Rac. This gene may play a role in the progression of several malignancies including melanoma, colon cancer and breast cancer, and a t(10;11) chromosomal translocation involving this gene and the MLL gene has been associated with acute myeloid leukemia. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 14. [provided by RefSeq, Sep 2011]

Locus ID:

10006