

## Product datasheet for **SC217274**

### SSH3BP1 (ABI1) (NM\_001012750) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	SSH3BP1 (ABI1) (NM_001012750) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ABI1
Synonyms:	ABI-1; ABLBP4; E3B1; NAP1BP; SSH3BP; SSH3BP1
ACCN:	NM_001012750
Insert Size:	1992 bp



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**Insert Sequence:** >SC217274 3' UTR clone of NM\_001012750  
 The sequence shown below is from the reference sequence of NM\_001012750. 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  
 TATGTATTGCTGAATAGCAATTTATACAAGAAGCTGCCATAACTGATTATGCTTATGTACTTACTTACA  
 CATTTTTAACTTTATGACCAGCCTAAATATTCTGGGGAAAGTGGGGTATAATTTAACGAATCATGATT  
 CAGATTGTACCATTACATGTTTCAGTGCAGCATGGTTACTAACGCTATGTCAGACTAATATTTAAATCAG  
 AAAATTTAAATGCTGGTCTGGTCCAGACTTTTTTTGTTAGATTCTCTCATTTAAAAAAAATACTGTTTGT  
 TTAAAGCATGCATAAAAAATTTATGTATTGAAATATACTTAAAAATCAAGATGCTTCCCATTTGTGTAAT  
 ATTTACCTGGAGGACTCGTACTTAGGTGTCTTAACGTGAATTGAGTCTCCAAGGCTCCATGTGAAACAA  
 GCAAAAAGAGAATTATCTGTAATGTTGTAATTTGTACCTAAGTTTTTAAATGAGTGAAATTTGCATTATA  
 AACTTTTTCCATTATAAATACATAAGTGAACCAAGGTTTTTGTCTTTCCCTTCACTGATTTGCTTTAA  
 AAAAAATAAAGATAATGATTTATTGCAGAATTATGATTCTATTTTCTCAATATGTTAACTTGGAAAAAA  
 ATTTTAGCCTTATCTTAATCTGTCCCAACAGCAATGTGACGGATTTTGCAGATTCAAAATCTGCAATGG  
 TTATTTACAAGTCAATCTACTGAATTCCTTTTTAAATAATCTTTGAACTAAGAAAAATGTGTCAAATT  
 GTGTGCATTCATTCTGTAGGTAATTTCTTAAGGATTGCCATGTCAGTCCCTTCAGTTGTACAGTGAAGT  
 TTGTACACTGGTTCAATGAAAGGAAGTTAAAAGTACCTTTTACATATTGTAAAAGTGGATACAGTTGATT  
 TGTGAGTAGGCACTCTTAAATCCATTACCTGGCACTAGCAACATTAGAATTTTAAAAATAAATAATTGGG  
 AAAGAAGGTGGTTCATGTATTAATCAGTGAACAGAGATTTACCTAACCAACAGACTTGGATTGTCTTTTG  
 ACATAATCAAAATGCAACACATGCACCTTTGTGTCTCCTCTTAATTGAAGGGAGGGCTGAGGGATGTTT  
 TCTCTTCTGTCTGTGTATAATTCTCTATTGCTTAGGATATTAAGTAGAGCACTCAAGTGTGGGTTTC  
 TGTGTTATTGAGGATTTGTTTGAATTCAAATTACAGTTATGTACTGGATGCTACAGACTATAACAGCA  
 TAGTGAATGGTAAAGACTAGTGCAAAACAGTTATTTCTGAAAATTAAGACCATTATTGCTACCAATCAA  
 TGTGACTATTTTCATATGCATTTTGCCTTTGTTAATTTTAAACAAACAAAGTATCATTAGTGATCAGCTAG  
 CTACCTTCTACTTTCCATTTTTCAAGTGGATTGTTCTCTTAATTTGTATATAACCTGTTGTCTAAATTTT  
 ATGTACAGTCTTTTATAATAAACCAATTCTCCTATATGAAATTTTGGTACTGTTAAAAATAAATCATGT  
 GGACTTCAATGCAGACTTCACATTTTTCTGACCTTTACTCCTACGGTAAATCAAGACAAACCAATTTGAAT  
 TTTAACATTGGTTATTTATTTGTGTAATGGCCTTACATGTGGATTAACAGTGTAAACAATACCACATA  
 TAACCATCAAGATACCTTGATTATAATTTATAGGACTAGAATGACAGATTCAGGTGGTTTATTAATTACA  
 TTTAAAAAGTTTTCTGAAAAAATTTTGAAT

**ACGCGT**AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCG

**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\\_001012750.1](#)

**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