

## Product datasheet for **RG230054**

### SSH3BP1 (ABI1) (NM\_001178122) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SSH3BP1 (ABI1) (NM_001178122) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SSH3BP1
Synonyms:	ABI-1; ABLBP4; E3B1; NAP1BP; SSH3BP; SSH3BP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG230054 representing NM_001178122 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCAGAGCTGCAGATGTTACTAGAGGAGGAGATCCCGTCTGGCAAGAGGGCGCTGATCGAGAGTTACC  
AGAACCTGACTCGGGTGGCAGACTACTGTGAAAACAACACATACAGGCTACAGACAAGAGAAAAGCTTT  
AGAGGAGACCAAAGCCTATACAACCAATCTCTAGCTAGTGTGCTTATCAAATAAATGCATTGGCCAAC  
AATGTACTCCAGTTGCTGGATATCCAAGCCTCTCAGCTTCGGAGAATGGAGTCTCCATCAATCATATCT  
CACAGACTGTGGATATTCATAAGGAGAAAAGTGGCACGAAGAGAGATTGGTATTTTGACAACAAATAAGAA  
TACATCAAGAACTCACAATAATAGCACCTGCGAATATGGAGCGCCCTGTAAGGTATATTCGGAAACCT  
ATCGATTACACAGTTCTGGATGATGTGGCCATGGTGTCAAGTGGCTAAAAGCCAAGCATGGAAATAACC  
AGCCTGCAAGAAGTGGCACACTGTGCGAACAACCTCCTCCTACTCAGAAACCGCCAAGTCCCTCCCATGTC  
AGGCCGGGGAACACTGGGACGGAATACTCCTTATAAAACCTGGAACCTGTTAAACCCCAACAGTTCCT  
AATGACTATATGACCAGTCTGCTAGGCTTGAAGTCAGCATAGTCCAGGCAGGACAGCATCTTTAAATC  
AGAGACCAAGGACACACAGTGAAGTAGTGGAGGAAGTGAAGTCGAGAAAACAGTGGTAGCAGTAGTAT  
TGGCATTCCCATTGCTGTGCCTACACCTTCGCCACCCACTATTGGACCAGTTTCTATTGCTCCACCCCT  
CCCCATGCTCAGTTGACTCCACAGATACCTCTCACAGGCTTCGTGGCCAGGGTGCAGGAAAACATTG  
CTGATAGTCCAACCTCCACGCCACCACCTCCACCAGATGACATTCCCATGTTGATGACTCTCCACCTCC  
CCCACCACCACCAGTGGATTATGAAGATGAGGAGGCTGCAGTAGTTCAGTATAATGATCCATATGCA  
GATGGGGATCCTGCTTGGGCCCAAGAATTATATTGAGAAAGTTGTTGCAATATATGATTATACAAAAG  
ACAAGGATGATGAGCTGTCAATTTATGGAGGGTGAATCATTATGTTATAAAGAAGAATGATGATGGCTG  
GTATGAAGGAGTCTGCAATCGAGTACTGGTCTGTTCCCTGGGAACATGTTGAATCAATCATGCACTAT  
ACTGAT

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)



**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\\_001178122.1](#), [NP\\_001171593.1](#)

**RefSeq Size:** 3467 bp

**RefSeq ORF:** 1269 bp

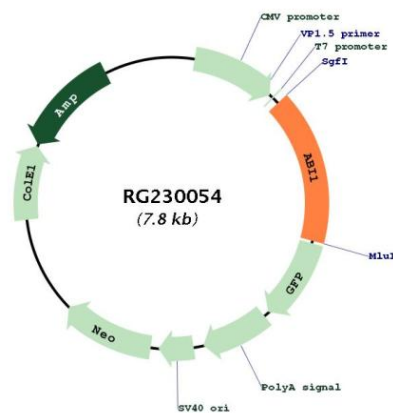
**Locus ID:** 10006

**UniProt ID:** [Q8IZP0](#)

**Cytogenetics:** 10p12.1

**Gene 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]

## Product images:



Circular map for RG230054