

## Product datasheet for **SR306733**

### SSH3BP1 (ABI1) Human siRNA Oligo Duplex (Locus ID 10006)

#### Product data:

Product Type:	siRNA Oligo Duplexes
Purity:	HPLC purified
Quality Control:	Tested by ESI-MS
Sequences:	Available with shipment
Stability:	One year from date of shipment when stored at -20°C.
# of transfections:	Approximately 330 transfections/2nmol in 24-well plate under optimized conditions (final conc. 10 nM).
Note:	Single siRNA duplex (10nmol) can be ordered.
RefSeq:	<a href="#">NM_001012750</a> , <a href="#">NM_001012751</a> , <a href="#">NM_001012752</a> , <a href="#">NM_001178116</a> , <a href="#">NM_001178119</a> , <a href="#">NM_001178120</a> , <a href="#">NM_001178121</a> , <a href="#">NM_001178122</a> , <a href="#">NM_001178123</a> , <a href="#">NM_001178124</a> , <a href="#">NM_001178125</a> , <a href="#">NM_005470</a> , <a href="#">NM_001348029</a> , <a href="#">NM_001348030</a> , <a href="#">NM_001348031</a> , <a href="#">NM_001348032</a> , <a href="#">NM_001348033</a> , <a href="#">NM_001348034</a> , <a href="#">NR_145410</a>
UniProt ID:	<a href="#">Q8IZP0</a>
Synonyms:	ABI-1; ABLBP4; E3B1; NAP1BP; SSH3BP; SSH3BP1
Components:	ABI1 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 10006) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml
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]



[View online »](#)

**Performance  
Guaranteed:**

OriGene guarantees that at least two of the three Dicer-Substrate duplexes in the kit will provide at least 70% or more knockdown of the target mRNA when used at 10 nM concentration by quantitative RT-PCR when the TYE-563 fluorescent transfection control duplex (cat# SR30002) indicates that >90% of the cells have been transfected and the HPRT positive control (cat# SR30003) provides 90% knockdown efficiency.

For non-conforming siRNA, requests for replacement product must be made within ninety (90) days from the date of delivery of the siRNA kit. To arrange for a free replacement with newly designed duplexes, please contact Technical Services at [techsupport@origene.com](mailto:techsupport@origene.com). Please provide your data indicating the transfection efficiency and measurement of gene expression knockdown compared to the scrambled siRNA control (quantitative RT-PCR data required).