Recombinant Human ABI1 Protein, GST-Tagged

Cat. No. ABI1-086H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ABI1 partial ORF (NP_001012770, 185 a.a. - 238 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	31.68 kDa
AA Sequence	GTLGRNTPYKTLEPVKPPTVPNDYMTSPARLGSQHSPGRTASLNQRPRTHSGSS
Applications	Enzyme-linked Immunoabsorbent Assay

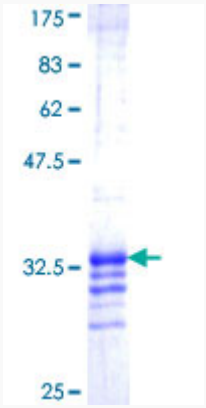
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	ABI1 abl-interactor 1 [Homo sapiens]
Official Symbol	ABI1
Synonyms	ABI1; abl-interactor 1; spectrin SH3 domain binding protein 1 , SSH3BP1; abl interactor 1; ABI 1; E3B1; Abelson interactor 1; nap1 binding protein; abl-binding protein 4; interactor protein AblBP4; Abl-interactor protein 1 long; eps8 SH3 domain-binding protein; spectrin SH3 domain-binding protein 1; ABI-1; ABLBP4; NAP1BP; SSH3BP; SSH3BP1;
Gene ID	10006
mRNA Refseq	NM_001012750
Protein Refseq	NP_001012768
MIM	603050
UniProt ID	Q8IZP0

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12.5% SDS-PAGE Stained with Coomassie Blue.

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