

## Recombinant Human ABI3 Protein, GST-Tagged

**Cat. No.** ABI3-088H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human ABI3 full-length ORF (AAH07780.1, 1 a.a. - 366 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	This gene encodes a member of an adaptor protein family. Members of this family encode proteins containing a homeobox homology domain, proline rich region and Src-homology 3 (SH3) domain, and are components of the Abi/WAVE complex which regulates actin polymerization. The encoded protein inhibits ectopic metastasis of tumor cells as well as cell migration. This may be accomplished through interaction with p21-activated kinase. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]
<b>Molecular Mass</b>	66.66 kDa
<b>AA Sequence</b>	<p>MAELQQQLQFEIPTGREALRGNHSALLRVADYCEDNYVQATDKRKALEETMAFTTQ          ALASVAYQVGNLAGHTLRMLDLQGAALRQVEARVSTLGQMVMNHMEKVARREIGT          LATVQRLPPGQKVIAPENLPPLTPYCRRPLNFGCLDDIGHGIKDLSTQLSRTGTLSRK          SIKAPATPASATLGRPPRIPEPVHLPVVPDGRLSAASSASSLASAGSAEGVGGAPT          KGQAAPPAPPLPSSLDPPPPPAAVEVFQRPTLEELSPPPPDEELPLPLDLPPPPPL          DGDELGLPPPPPGFGPDEPSWVPASYLEKVVTLYPYTSQKDNELSFSEGTVICVTR          RYSDGWCEGVSSEGTGFFPGNYVEPSC</p>

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<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	ABI3 ABI family, member 3 [ Homo sapiens ]
<b>Official Symbol</b>	ABI3
<b>Synonyms</b>	ABI3; ABI family, member 3; ABI gene family member 3; NESH; SSH3BP3; ABI gene family, member 3; new molecule including SH3;
<b>Gene ID</b>	51225
<b>mRNA Refseq</b>	NM_001135186
<b>Protein Refseq</b>	NP_001128658
<b>MIM</b>	606363
<b>UniProt ID</b>	Q9P2A4

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12.5% SDS-PAGE Stained with Coomassie Blue.

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