

Recombinant Human ABI3 Protein, GST-Tagged

Cat. No. ABI3-089H Lot. No. (See product label)

SPECIFICATION

Product Overview Human ABI3 partial ORF (NP_057512.1, 75 a.a. - 182 a.a.) recombinant protein with GST-tag at N-terminal.

Species Human

Source Wheat Germ

Description 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]

Molecular Mass 37.62 kDa

AA Sequence MLDLQGAALRQVEARVSTLGQMVNMHMEKVARREIGTLATVQRLPPGQKVIAPENL
PPLTPYCRRLNFGCLDDIGHGKDLSTQLSRTGTLRSKSIKAPATPASATL

Applications Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

 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

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	ABI3 ABI family, member 3 [Homo sapiens]
Official Symbol	ABI3
Synonyms	ABI3; ABI family, member 3; ABI gene family member 3; NESH; SSH3BP3; ABI gene family, member 3; new molecule including SH3;
Gene ID	51225
mRNA Refseq	NM_001135186
Protein Refseq	NP_001128658
MIM	606363
UniProt ID	Q9P2A4

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