

Recombinant Human ABI3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ABI3-483H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ABI3 MS Standard C13 and N15-labeled recombinant protein (NP_057512) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	39 kDa
AA Sequence	MAELQQQLQFEIPTGREALRGNHSALLRVADYCEDNYVQATDKRKALEETMAFTTQ ALASVAYQVGNLAGHTLRMLDLQGAALRQVEARVSTLGQMVNMHMEKVARREIGT LATVQRLPPGQKVIAPENLPPLTPYCRRPLNFGCLDDIGHGIKDLSTQLSRTGTL SRK SIKAPATPASATLGRPPRIPEPVHLPVVPDGRLSAASSASSLASAGSAEGVGGAPTP KGQAAPPAPPLPSSLDPPPPPAAVEVFQRPPTLEELSPPPPDEELPLPLDLPPPPPL DGDELGLPPPPPGFGPDEPSWVPASYLEKVVTLYPYTSQKDNELSFSEGTVICVTR RYSDBGWCEGVSSEGTGFFPGNYVEPSCTRTRPLEQKLISEEDLAANDILDYKDDDD

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	KV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

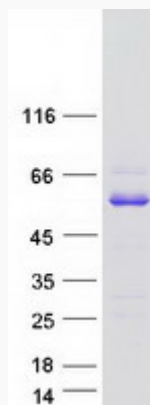
GENE INFORMATION

Gene Name	ABI3 ABI family member 3 [Homo sapiens (human)]
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_016428
Protein Refseq	NP_057512
MIM	606363
UniProt ID	Q9P2A4

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SDS-PAGE

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