



Catalog Number: PR27188

Product Type: Recombinant Protein

Source: *E. Coli*

Amino Acid Sequence: MGSSHHHHHH SSSLVPRGSH MGSMAELQQL QEFEIPTGRE ALRGNHSALL RVADYCEDNY VQATDKRKAL EETMAFTTQA LASVAYQVGN LAGHTLRMLD LQGAALRQVE ARVSTLGQMV NMHMEKVARR EIGTLATVQR LPPGQKVIAP ENLPPLTPYC RRPLNFGCLD DIGHGKDLSTQLSRTGTL SRSIKAPATP ASATLGRPPR IPEPVHLPVV PDGRLSAASS ASSLASAGSA EGVGGAPTPK GQAAPPAPPL PSSLDPPPPP AAVEVFQRPP TLEELSPPPP DEELPLPLDL PPPPLDGDE LGLPPPPPGF GPDEPSWVPA SYLEKVVTLY PYTSQKDNEL SFSEGTVICV TRRYSDGWCE GVSSEGTGFF PGNVVEPSC

Description/Molecular Mass: ABI gene family member 3 (ABI3) is a member of the ABI family. Members of the ABI family encode proteins which contain a homeobox homology domain, proline rich region and Src-homology 3 (SH3) domain. Abi family members are assumed to negatively regulate cell growth and transformation, including cellular transformation through v-Abl as well controlling as mediate cell motility by regulatin actin polymerization in lamellipodia and filopodia. ABI3 impedes ectopic metastasis of tumor cells as well as cell migration, which is accomplished through interaction with p21-activated kinase.

Purity: ABI3 Human Recombinant produced in *E. coli* is a single polypeptide chain containing 389 amino acids (1-366) and having a molecular mass of 41.4 kDa. ABI3 is fused to a 23 amino acid His-tag at terminus & purified by proprietary chromatographic techniques.
Greater than 85.0% as determined by:
(a) Analysis by SDS-PAGE.

Format: The ABI3 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

Storage: Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

FOR RESEARCH USE ONLY

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