

## 32-3146: ABI3 Recombinant Protein

**Alternative Name :** ABI Family Member 3,ABI Gene Family Member 3,New Molecule Including SH3,SSH3BP3,NESH.

### Description

Source : E.coli. 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 N-terminus & purified by proprietary chromatographic techniques. 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 regulating 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.

### Product Info

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|----------------------------|--|
| <b>Amount :</b>            | 10 µg  |
| <b>Purification :</b>      | Greater than 85% as determined by SDS-PAGE.  |
| <b>Content :</b>           | The ABI3 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.  |
| <b>Storage condition :</b> | 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.  |
| <b>Amino Acid :</b>        | MGSSHHHHHH SSGLVPRGSH MGSMAELQQL QEFEIPTGRE ALRGNHSALL RVADYCEDNY<br>VQATDKRKAL EETMAFTTQA LASVAYQVGN LAGHTLRMLD LQGAALRQVE ARVSTLGQMV<br>NMHMEKVARR EIGTLATVQR LPPGQKVIAP ENLPPLTPYC RRPLNFGCLD DIGHGKIDLS TQLSRTGTLS<br>RKSİKAPATP ASATLGRPPR IPEPVHLPVV PDGRLSAASS ASSLASAGSA EGVGGAPTPK GQAAPPAPPL<br>PSSLDPPPPP AAVEVFQRPP TLEELSPPPP DEELPLPLDL PPPPPLDGDE LGLPPPPPGF GPDEPSWVPA<br>SYLEKVVTTY PYTSQKDNEL SFSEGTVICV TRRYSDGWCE GVSSEGTGFF PGNVVEPSC |

