9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

ABI3 Human

ABI Family, Member 3 Human Recombinant
RCP0005

Product Overview

Name	ABI3 Human
Description	
ABI Family, Member 3 Human Recombinant	
Accession (Primary)	Q9P2A4
Synonyms	
ABI Family Member 3, ABI Gene Family Member 3, New Molecule Including SH3, SSH3BP3, NESH.	
Introduction	
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.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The ABI3 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MAELQQL QEFEIPTGRE ALRGNHSALL RVADYCEDNY VQATDKRKAL EETMAFTTQA LASVAYQVGN LAGHTLRMLD LQGAALRQVE ARVSTLGQMV NMHMEKVARR EIGTLATVQR LPPGQKVIAP ENLPPLTPYC RRPLNFGCLD DIGHGIKDLS TQLSRTGTLS RKSIKAPATP ASATLGRPPR	

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IPEPVHLPVV PDGRLSAASS ASSLASAGSA EGVGGAPTPK GQAAPPAPPL PSSLDPPPPP AAVEVFQRPP TLEELSPPPP DEELPLPLDL PPPPPLDGDE LGLPPPPPGF GPDEPSWVPA SYLEKVVTLY PYTSQKDNEL SFSEGTVICV TRRYSDGWCE GVSSEGTGFF PGNYVEPSC

Precautions

ABI3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9P2A4)