

Product datasheet for **AR50557PU-S**

ABI3 (1-366, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	ABI3 (1-366, His-tag) human protein, 20 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSM AELQQL QEFEIPTGRE ALRGNHSALL RVADYCEDNY VQATDKRKAL EETMAFTTQA LASVAYQVGN LAGHTLRMLD LQGAALRQVE ARVSTLGQMV NMHMEKVARR EIGTLATVQR LPPGQKVIAP ENLPLTPYC RRPLNFGCLD DIGHGKIDLS TQLSRTGTLS RKSIKAPATP ASATLGRPPR IPEPVHLPVW PDGRLSAASS ASSLASAGSA EGVGGAPTPK GQAAPPAPPL PSSLDPPPPP AAVEVFQRPP TLEELSPPPP DEELPLPLDL PPPPPLDGDE LGLPPPPPGF GPDEPSWVPA SYLEKVTLY PYTSQKDNEL SFSEGTVICV TRRYS DGWCE GVSSEGTGFF PGN YVEPSC
Tag:	His-tag
Predicted MW:	41.4 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Preparation:	Liquid purified protein
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001128658
Locus ID:	51225
UniProt ID:	Q9P2A4
Cytogenetics:	17q21.32
Synonyms:	NESH; SSH3BP3



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Summary:

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]

Product images: