

## Product datasheet for TP302853

### ABI3 (NM\_016428) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ABI family, member 3 (ABI3), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202853 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MAELQQLQFEFIPTGREALRGNHSALLRVADYCEDNYVQATDKRKALEETMAFFTQALASVAYQVGNLAG HTLRMLDLQGAALRQVEARVSTLGQMVNMHMEKVARREIGTLATVQRLPPGQKVIAPENLPPLTPYCRRP LNFGLDDIGHGIKDLSTQLSRTGTLRSIKAPATPASATLGRPPRIPEVHLPVVPDGRLSAASSASS LASAGSAEGVGGAPTPKGQAAPPAPPLPSSLDPPPPAAVEVFQRPPTLEELSPPPPDEELPLPLDLP PPLDGDELGLPPPPPGFGPDEPSWVPASYLEKVTLYPYTSQKDNELSFSEGTVICVTRRYS SEGWCEGVS SEGTFPPGNYVEPSC</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-Myc/DDK
Predicted MW:	38.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_057512</a>
Locus ID:	51225



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UniProt ID: [Q9P2A4](#)

RefSeq Size: 2129

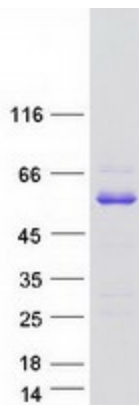
Cytogenetics: 17q21.32

RefSeq ORF: 1098

Synonyms: NESH; SSH3BP3

**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:



Coomassie blue staining of purified ABI3 protein (Cat# TP302853). The protein was produced from HEK293T cells transfected with ABI3 cDNA clone (Cat# [RC202853]) using MegaTran 2.0 (Cat# [TT210002]).