

# ABHD14B Human

*Abhydrolase Domain Containing 14B Human Recombinant*  
ENZ0007

## Product Overview

Name ABHD14B Human

### Description

Abhydrolase Domain Containing 14B Human Recombinant

Accession (Primary) [Q96IU4](#)

### 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

IPEPVHLPVV PDGRLSAASS ASSLASAGSA EGVGGAPTPK GQAAPPAPPL PSSLDPPPPP AAVEVFQRPP  
TLEELSPPPP DEELPLPLDL PPPPLDGDE LGLPPPPPGF GPDEPSWVPA SYLEKVVTLTY PYTSQKDNEL  
SFSEGTVICV TRRYSDGWCE GVSSEGTGFF PGNVVEPSC

#### Precautions

ABHD14B Human is for research use only and not for use in diagnostic or therapeutic procedures.

**Target Information: ( [Q96IU4](#) )**