

# Recombinant human ABHD12B protein

Catalog Number: ATGP2729

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-255aa

### UniProt No.

Q7Z5M8

### NCBI Accession No.

AAH34603

### Alternative Names

Abhydrolase domain containing 12B, BEM46L3, c14\_5314

## PRODUCT SPECIFICATION

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### Molecular Weight

31.0 kDa (278aa)

### Concentration

1mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

### Purity

> 85% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE, Denatured

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

ABHD12B belongs to the serine esterase family. Recombinant human ABHD12B protein, fused to His-tag at N-terminus, was expressed in E. coli.

### Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH MGS>MLGIWHT VPSCRGEDAK GKDCCWYEEA LRDGNPIIVY LHGSAEHRAA  
SHRLKLVKVL SDGGFHVLSV DYRGFGDSTG KPTEEGLTDD AICVYEWTKA RSGITPVCLW GHSLGTGVAT NAAKVLEEKG  
CPVDAIVLEA PFTNMWVASI NYPLLLKIYRN IPGFLRTLMD ALRKDKIIFP NDENVKFLSS PLLILHGEDD RTVPLEYGGK

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LYEIARNAYR NKERVKVMVIF PPGFQHLLC KSPTLLITVR DFLLSKQWS

## General References

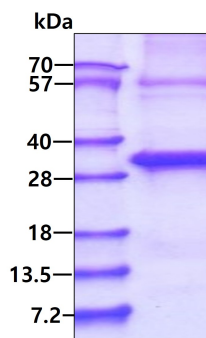
Sjoebloom T., et al. (2006) Science. 314:268-274

Heilig R., et al. (2003) Nature. 421:601-607

## DATA

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### SDS-PAGE



3 $\mu$ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.