

# Product Information

## Recombinant human ABHD12B protein

Catalog Number: IBATGP2729



### 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 SGLVPRGSH MGS>MLGIWHT VPSCRGEDAK GKCCWYEEA LRDGNPIIVY LHGSAEHRAA  
SHRLKLVKVL SDGGFHVLSV DYRGFGDSTG KPTEEGLTTD AICVYEWTKA RSGITPVCLW GHSLGTGVAT NAAKVLEEKG  
CPVDAIVLEA PFTNMWVASI NYPLLKIIYRN IPGFLRTLMD ALRKDKIIFP NDENVKFLSS PLLILHGEDD RTVPLEYGKK

**For research use only. This product is not intended or approved for human, diagnostics or veterinary use.**



Manufactured for:

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LYEIARNAYR NKERVKMFVIF PPGFQHLLC KSPTLLITVR DFLSKQWS

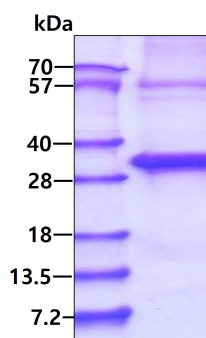
### General References

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

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

## DATA

### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

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