

# Recombinant human ABHD10 protein

Catalog Number: ATGP1541

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

53-306aa

### UniProt No.

Q9NUJ1

### NCBI Accession No.

NP\_060864.1

### Alternative Names

Abhydrolase domain-containing protein 10 mitochondrial, Abhydrolase domain-containing protein 10, mitochondrial,

## PRODUCT SPECIFICATION

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### Molecular Weight

30.9 kDa (279aa) confirmed by MALDI-TOF

### Concentration

1mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

### Purity

> 85% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### 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

ABHD10, also known as abhydrolase domain-containing protein 10, belongs to the AB hydrolase superfamily. Recombinant human ABHD10 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

### Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH MGSHM>TSLSF LNRPDLPNLA YKCLKGKSPG IIFIPGYLSY MNGTKALAIE EFCKSLGHAC

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IRFDYSGVGS SDGNSEESTL GKWRKDVLSI IDDLADGPQI LVGSSLGGWL MLHAAIARPE KVALIGVAT AADTLVTKFN  
QLPVELKKEV EMKGVWSMPS KYSEEGVYNV QYSFIKEAEH HCLLHSPV NCPILLHGM KDDIVPWHTS MQVADRVLST  
DVDVILRKHS DHRMREKADI QLLVYTIDDL IDKLSTIVN

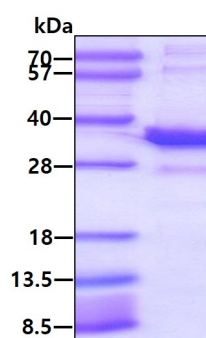
## General References

Burkard T.R., et al. (2011) BMC Syst. Biol. 5:17-17

Bechtel S., et al. (2007) BMC Genomics. 8:399-399

## DATA

### SDS-PAGE



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