

# Recombinant human ASPHD1 protein

Catalog Number: ATGP2728

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

96-390aa

### UniProt No.

Q5U4P2

### NCBI Accession No.

NP\_859069

### Alternative Names

Aspartate beta-hydroxylase domain containing 1, Aspartate beta-hydroxylase domain-containing 1

## PRODUCT SPECIFICATION

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### Molecular Weight

33.6 kDa (318aa)

### Concentration

0.5mg/ml (determined by Bradford assay)

### Formulation

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

### Purity

> 90% 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

ASPHD1 belongs to the aspartyl/asparaginyl beta-hydroxylase family. Recombinant human ASPHD1 protein, fused to His-tag at N-terminus, was expressed in E. coli.

### Amino acid Sequence

MGSSHHHHHHH SGLVPRGSH MGSYRLGSQD MQALGAGSRA GGVRGGPVGC SEAGGPPSPGG PGDPGEGPRT  
EGLVSRRLRA YARRYSWAGM GRVRRAAQGG PGPGRGPGVL GIQRPGLLFL PDLPSAPFVP RDAQRHDVEL LESSFPAILR  
DFGAVSWDFS GTTPPRGWS PPLAPGCYQL LLYQAGRCQP SNCRRCPGAY RALRGLRSFM SANTFGNAGF SVLLPGARLE

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GRCGPTNARV RCHLGLKIPP GCELVVGGEP QCWAEGHCLL VDDSFLHTVA HNGSPEDGPR VVFIVDLWHP NVAGAERQAL  
DFVFAPDP

## General References

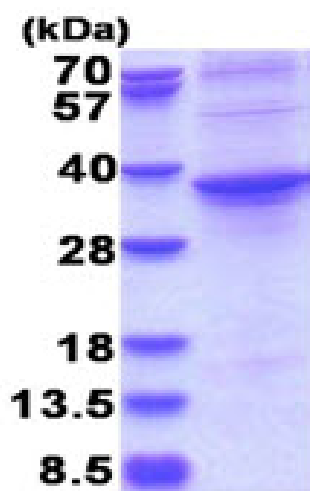
Daub H., et al. (2008) Mol. Cell. 31:438-448

Martin., et al. (2004) Nature. 432:988-994

## DATA

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### SDS-PAGE



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

15% SDS-PAGE (3ug)