

Recombinant human ASPHD1 protein

Catalog Number: ATGP2728

PRODUCT INFORMATION

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

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

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 SSGLVPRGSH MGSYRLGSQD MQALGAGSRA GGVRGGPVGC SEAGGPSPGG PGDPGEGPRT
EGLVSRRLRA YARRYSWAGM GRVRRAAQGG PGPGRGPGVL GIQRPGLLFL PDLPSAPFVP RDAQRHDVEL LESSFPAILR
DFGAVSWDFS GTTPPPRGWS PPLAPGCYQL LLYQAGRCQP SNCRRCPGAY RALRGLRSFM SANTFGNAGF SVLLPGARLE

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GRCGPTNARV RCHLGLKIPP GCELVVGGEF QCWAEGHCLL VDDSLHTVA HNGSPEDGPR VVFIVDLWHP NVAGAERQAL
DFVFAPDP

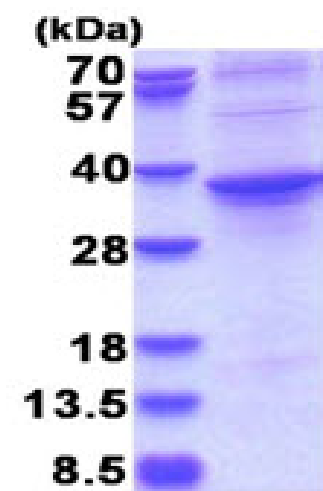
General References

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

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

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)