

# Recombinant human BCDIN3D protein

Catalog Number: ATGP1777

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-292aa

### UniProt No.

Q7Z5W3

### NCBI Accession No.

NP\_859059

### Alternative Names

Probable methyltransferase BCDIN3D

## PRODUCT SPECIFICATION

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### Molecular Weight

35 kDa (315aa) confirmed by MALDI-TOF

### Concentration

0.25mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 40% glycerol, 1mM DTT, 2mM EDTA

### 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

BCDIN3D belongs to the methyltransferase superfamily and contains 1 Bin3-type SAM domain. This protein may function catalysis of the transfer of a methyl group to an acceptor molecule. Recombinant human BCDIN3D protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

### Amino acid Sequence

MGSSHHHHHHH SGLVPRGSH MGSMVPTTEL DGGSVKETAA EEESRVLAPG AAPFGNFPHY SRFHPPEQRL RLLPELLLRQ

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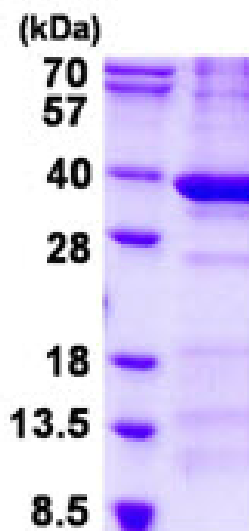
LFPESENGP ILGLDVGCNS GDLSVALYKH FLSPDGETC SDASREFRLL CCDIDPVLVK RAEKECPFPD ALTFITLDFM  
NQTRTRKVLSS SFLSQFGRSV FDIGFCMSIT MWIHLNHGDH GLWEFLAHL SLCYLLVEP QPWKCYRAAA RRLRKLGLHD  
FDHFHSLAIR GDMPNQIVQI LTQDHGMELI CCFGNTSWDR SLLLFRKQQT IETHPIPESL IEKGKEKNRL SFQKQ

## General References

Ng MC., et al. (2010). J Clin Endocrinol Metab. 95(5):2418-25.

## DATA

### SDS-PAGE



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

15% SDS-PAGE (3ug)