

Recombinant human BCDIN3D protein

Catalog Number: ATGP1777

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-292aa

UniProt No.

Q7Z5W3

NCBI Accession No.

NP_859059

Alternative Names

Probable methyltransferase BCDIN3D

PRODUCT SPECIFICATION

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

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

<MGSSHHHHHH SSGLVPRGSH MGS>MAVPTEL DGGSVKETAA EEESRVLPAG AAPFGNFPHY SRFHPPEQRL

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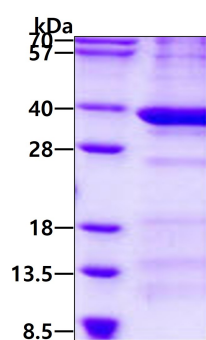
RLLPPELLRQ LFPESPENGP ILGLDVGCNS GDLSVALYKH FLSLPDGETC SDASREFRLL CCDIDPVLVK RAEKECPFPD
ALTFITLDFM NQTRTRKVLLS SFLSQFGRSV FDIGFCMSIT MWIHLNHGDH GLWEFLAHL SLCYLLVEP QPWKCYRAAA
RRLRKLGLHD FDHFHSLAIR GDMPNQIVQI LTQDHGMELI CCFGNTSWDR SLLLFRAKQT IETHPIESL IEKGKEKNRL
SFQKQ

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.