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Recombinant human ZFAND3 protein

Catalog Number: ATGP1385

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-227aa

UniProt No.
Q9H8U3

NCBI Accession No.
NP_068762

Alternative Names
AN1-type zinc finger protein 3

PRODUCT SPECIFICATION

Molecular Weight
27.7 kDa (251aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

Concentration
0.5mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 30% glycerol, 0.1M NaCl,1mM DTT

Purity
> 90% 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
ZFAND3, also known as AN1-type zinc finger protein 3, contains DNA-binding domain and has a wide variety of functions, most of which encompass some form of transcriptional activation or repression. ZFAND3 is a 251 amino acid protein containing two AN1-type zinc fingers and two uIM (ubiquitin-interacting motif) repeats. Conserved in animals and plants, the AN1-type zinc finger domain is often found in proteins that contain a ubiquitin-like domain, which suggests a role in the ubiquitination pathway. Recombinant human ZFAND3 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

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Amino acid Sequence

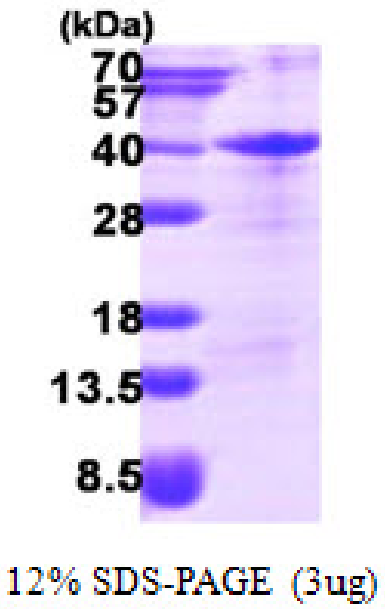
MGSSHHHHHH SSGLVPRGSH MGSHMGDAGS ERSKAPSLPP RCPCGFWGSS KTMNLCSKCF ADFQKKQPDD DSAPSTSNSQ SDLFSEETTS DNNNTSITTP TLSPSQQPLP TELNVTSPSK EECGPCTDTA HVSLITPTKR SCGTDSQSEN EASPVKRPRL LENTERSEET SRSKQKSRRR CFQCQTKLEL VQQELGSCRC GYVFCMLHRL PEQHDCTFDH MGRGREEAIM KMVKLDRKVG RSCQRIGEGC S

General References

Klug A. et al. (1999) J. Mol. Biol. 293: 215-218.
Laity J.H. et al. (2007) Curr. Opin. Struct. Biol. 11: 39-46.

DATA

SDS-PAGE



12% SDS-PAGE (3ug)

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