

Recombinant human BUD31 protein

Catalog Number: ATGP2135

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-144aa

UniProt No.

P41223

NCBI Accession No.

NP_003901

Alternative Names

protein BuD31 homolog, BuD31 homolog (*S. cerevisiae*), Cwc14, EDG-2, EDG2, fSAP17, G10, YCR063W

PRODUCT SPECIFICATION

Molecular Weight

19.4 kDa (167aa) 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, 2mM DTT

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

BuD31 is a nuclear protein that belongs to the BuD31 (G10) family. It contains a putative nuclear translocation sequence, an N-terminal acidic domain and a cysteine-rich C-terminal domain containing a putative Zinc-finger structure. The structure of BuD31 suggests that it may be a nuclear regulator of transcription. Recombinant human BuD31 protein, fused to His-tag at N-terminus, was expressed in *E. coli* and purified by using conventional chromatography techniques.

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Amino acid Sequence

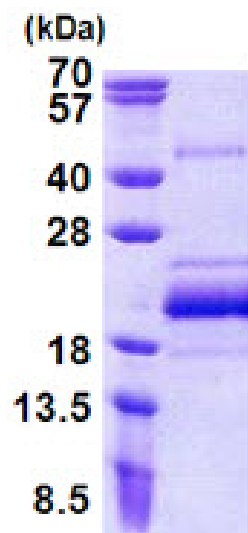
MGSSHHHHHH SGLVPRGSH MGSMPKVKRS RKAPPDGWEL IEPTLDELQ KMREAETEPH EGKRKVESLW PIFRIHHQKT
RYIFDLFYKR KAISRELYEY CIKEGYADKN LIAKWKKQGY ENLCCLRCIQ TRDTNFGTNC ICRVPSKLE VGRIIECTHC
GCRGCSG

General References

Singh J, Kumar D, Ramakrishnan N., et al. 2005 Dec
71(12):8752-63.
Hla T., et al. (1995) Biochim Biophys Acta. 25
1260(2):227-9.

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)