

# 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

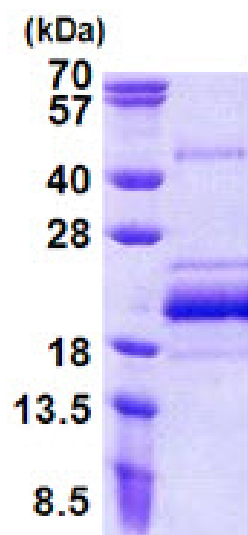
MGSSHHHHHH SSGLVPRGSH MGSMPKVKRS RKAPPDGWEL IEPTLDELDQ KMREAETEPH EGKRKVESLW PIFRIHHQKT  
RYIFDLFYKR KAISRELYEY CIKEGYADKN LIAKWKKQGY ENLCCLRCIQ TRDTNFGTNC ICRVPKSKLE VGRIIECTHC  
GCRGCSG

### 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)