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# 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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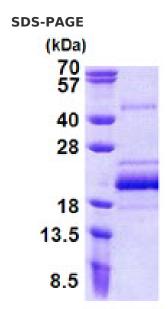
# **Amino acid Sequence**

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**



15% SDS-PAGE (3ug)

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

