

**BUD31, 1-144 aa, Human, His tag, E.coli**

**Cat.NO.: TP01377**

3th Edition

**Synonyms:**protein BUD31 homolog, BUD31 homolog (S. cerevisiae), Cwc14, EDG-2, EDG2, fSAP17, G10, YCR063W

**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.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 40% glycerol, 2mM DTT

**Molecular Weight:**19.4kDa (167aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSMKVKRSRKAPPDGWELIEPTLDELQKMREAETEPHEGKRKVESLWPIFR  
IHHQKTRYIFDLFYKRKAISRELYEYCIKEGYADKNLIAKWKQGYENLCLRCIQTRDTNFGTNCICRVPKSKLEVG  
RIIECTHCGCRGCSG

**Purity:**> 95% by HPLC

**Concentration:**0.25 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.