

## Recombinant Human BUD31, His-tagged

Cat. No. BUD31-7624H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human BUD31 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-144 aa
<b>Description</b>	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.
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 40% glycerol, 2mM DTT
<b>Molecular Mass</b>	19.4kDa (167aa)
<b>AA Sequence</b>	MGSSHHHHHH SGLVPRGSH MGSM PKVKRS RKAPPDGWEL IEPTLDEL DQ KMREAETEPH EGKRKVESLW PIFRIHHQKT RYIFDLFYKR KAISRELYEY CIKEGYADKN LIAKWKKQGY ENLCC LRCIQ TRDTNFGTNC ICRV PKSKLE VGRIIECTHC GCRGCSG
<b>Purity</b>	>85% by SDS - PAGE

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<b>Applications</b>	SDS-PAGE
<b>Storage</b>	Can be stored at 4°C short term. For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
<b>Concentration</b>	0.25 mg/ml
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	BUD31 BUD31 homolog (S. cerevisiae) [ Homo sapiens ]
<b>Official Symbol</b>	BUD31
<b>Synonyms</b>	BUD31; BUD31 homolog (S. cerevisiae); BUD31 homolog (yeast); protein BUD31 homolog; EDG 2; EDG2; fSAP17; functional spliceosome associated protein 17; G10; G10 maternal transcript homolog (Xenopus laevis); YCR063W; protein EDG-2; protein G10 homolog; maternal G10 transcript; G10 maternal transcript homolog; functional spliceosome-associated protein 17; EDG-2; MGC111202;
<b>Gene ID</b>	8896
<b>mRNA Refseq</b>	NM_003910
<b>Protein Refseq</b>	NP_003901
<b>MIM</b>	603477
<b>UniProt ID</b>	P41223
<b>Chromosome Location</b>	7q22.1

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<b>Pathway</b>	Spliceosome, organism-specific biosystem; Spliceosome, conserved biosystem; Spliceosome, 35S U5-snRNP, organism-specific biosystem;
<b>Function</b>	sequence-specific DNA binding transcription factor activity;

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