Recombinant Human BUD31, His-tagged

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

SPECIFICATION

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

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Applications	SDS-PAGE
Storage	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.
Concentration	0.25 mg/ml

GENE INFORMATION

Gene Name	BUD31 BUD31 homolog (S. cerevisiae) [Homo sapiens]
Official Symbol	BUD31
Synonyms	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;
Gene ID	8896
mRNA Refseq	NM_003910
Protein Refseq	NP_003901
MIM	603477
UniProt ID	P41223
Chromosome Location	7q22.1

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

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