

Recombinant Human BUD31 293 Cell Lysate

Cat. No. BUD31-8380HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for BUD31 homolog (<i>S. cerevisiae</i>) (BUD31) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

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

Pathway

Spliceosome, organism-specific biosystem; Spliceosome, conserved biosystem; Spliceosome, 35S U5-snRNP, organism-specific biosystem;

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Function

sequence-specific DNA binding transcription factor activity;

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