

Recombinant Human BUD31 293 Cell Lysate

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

SPECIFICATION

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.
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

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	BUD31 BUD31 homolog (<i>S. cerevisiae</i>) [<i>Homo sapiens</i>]
Official Symbol	BUD31
Synonyms	BUD31; BUD31 homolog (<i>S. cerevisiae</i>); BUD31 homolog (yeast); protein BUD31 homolog; EDG 2; EDG2; fSAP17; functional spliceosome associated protein 17; G10; G10 maternal transcript homolog (<i>Xenopus laevis</i>); 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;
Function	sequence-specific DNA binding transcription factor activity;

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