

Recombinant Human UBE2I 293 Cell Lysate

Cat. No. UBE2I-573HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for ubiquitin-conjugating enzyme E2I (UBC9 homolog, yeast) (UBE2I), transcript variant 1 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 UBE2I ubiquitin-conjugating enzyme E2I [Homo sapiens]

Official Symbol UBE2I

Synonyms

UBE2I; ubiquitin-conjugating enzyme E2I; ubiquitin conjugating enzyme E2I (homologous to yeast UBC9) , ubiquitin conjugating enzyme E2I (UBC9 homolog, yeast); SUMO-conjugating enzyme UBC9; UBC9; SUMO-protein ligase; SUMO-1-protein ligase; ubiquitin-protein ligase I; ubiquitin carrier protein 9; ubiquitin carrier protein I; ubiquitin-protein ligase E2I; ubiquitin conjugating enzyme 9; ubiquitin-conjugating enzyme UbcE2A; ubiquitin-like protein SUMO-1 conjugating enzyme; ubiquitin-conjugating enzyme E2I (UBC9 homolog, yeast); ubiquitin-conjugating enzyme E2I (homologous to yeast UBC9); P18; C358B7.1;

Gene ID 7329

mRNA Refseq NM_003345

Protein Refseq NP_003336

MIM 601661

UniProt ID P63279

Chromosome Location 16p13.3

Pathway Androgen Receptor Signaling Pathway, organism-specific biosystem; C-MYB

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transcription factor network, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Chromosome Maintenance, organism-specific biosystem; Coregulation of Androgen receptor activity, organism-specific biosystem; Meiosis, organism-specific biosystem; Meiotic Synapsis, organism-specific biosystem;

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