

Recombinant Human UBE2E2 293 Cell Lysate

Cat. No. UBE2E2-582HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for ubiquitin-conjugating enzyme E2E 2 (UBC4/5 homolog, yeast) (UBE2E2) 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

UBE2E2 ubiquitin-conjugating enzyme E2E 2 [Homo sapiens]

Official Symbol

UBE2E2

Synonyms

UBE2E2; ubiquitin-conjugating enzyme E2E 2; ubiquitin conjugating enzyme E2E 2 (homologous to yeast UBC4/5) , ubiquitin conjugating enzyme E2E 2 (UBC4/5 homolog, yeast); ubiquitin-conjugating enzyme E2 E2; FLJ25157; UbcH8; ubiquitin-protein ligase E2; ubiquitin carrier protein E2; ubiquitin-conjugating enzyme E2E 2 (UBC4/5 homolog, yeast); ubiquitin-conjugating enzyme E2E 2 (homologous to yeast UBC4/5); UBCH8;

Gene ID

7325

mRNA Refseq

NM_152653

Protein Refseq

NP_689866

MIM

602163

UniProt ID

Q96LR5

Chromosome Location

3p24.2

Pathway

Adaptive Immune System, organism-specific biosystem; Antigen processing:

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Ubiquitination and Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Immune System, organism-specific biosystem; Protein processing in endoplasmic reticulum, organism-specific biosystem;

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