

Recombinant Human UBE2D2 293 Cell Lysate

Cat. No. UBE2D2-588HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for ubiquitin-conjugating enzyme E2D 2 (UBC4/5 homolog, yeast) (UBE2D2), transcript variant 2 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	UBE2D2 ubiquitin-conjugating enzyme E2D 2 [Homo sapiens]
Official Symbol	UBE2D2
Synonyms	UBE2D2; ubiquitin-conjugating enzyme E2D 2; ubiquitin conjugating enzyme E2D 2 (homologous to yeast UBC4/5) , ubiquitin conjugating enzyme E2D 2 (UBC4/5 homolog, yeast); ubiquitin-conjugating enzyme E2 D2; UBC4; Ubch5B; ubiquitin-protein ligase D2; ubiquitin carrier protein D2; ubiquitin-conjugating enzyme E2(17)KB 2; ubiquitin-conjugating enzyme E2-17 kDa 2; ubiquitin-conjugating enzyme E2D 2 (UBC4/5 homolog, yeast); ubiquitin-conjugating enzyme E2D 2 (homologous to yeast UBC4/5); PUBC1; UBC4/5; UBCH5B; E2(17)KB2;
Gene ID	7322
mRNA Refseq	NM_181838
Protein Refseq	?NP_862821
MIM	602962
UniProt ID	P62837
Chromosome Location	5q31.3
Pathway	Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination and Proteasome degradation, organism-specific biosystem; Class I

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MHC mediated antigen processing & presentation, organism-specific biosystem;
Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem;

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