

## Recombinant Human UBE3A 293 Cell Lysate

Cat. No. UBE3A-557HCL Lot. No. (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	Antigen standard for ubiquitin protein ligase E3A (UBE3A), 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.
<b>Components</b>	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).
<b>Size</b>	0.1 mg
<b>Storage Instruction</b>	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.
<b>Applications</b>	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** UBE3A ubiquitin protein ligase E3A [ Homo sapiens ]

**Official Symbol** UBE3A

**Synonyms** UBE3A; ubiquitin protein ligase E3A; EPVE6AP, HPVE6A, human papilloma virus E6 associated protein; ubiquitin-protein ligase E3A; ANCR; Angelman syndrome; AS; E6 AP; FLJ26981; CTCL tumor antigen se37-2; E6AP ubiquitin-protein ligase; renal carcinoma antigen NY-REN-54; human papillomavirus E6-associated protein; oncogenic protein-associated protein E6-AP; human papilloma virus E6-associated protein; E6-AP; HPVE6A; EPVE6AP;

**Gene ID** 7337

**mRNA Refseq** NM\_000462

**Protein Refseq** NP\_000453

**MIM** 601623

**UniProt ID** Q05086

**Chromosome Location** 15q11.2

**Pathway** Adaptive Immune System, organism-specific biosystem; Androgen Receptor Signaling Pathway, organism-specific biosystem; Antigen processing: Ubiquitination and Proteasome degradation, organism-specific biosystem; Class I MHC mediated

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antigen processing & presentation, organism-specific biosystem; Coregulation of Androgen receptor activity, organism-specific biosystem;

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