

Recombinant Human UBE4B 293 Cell Lysate

Cat. No. UBE4B-556HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for ubiquitination factor E4B (UFD2 homolog, yeast) (UBE4B), 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.

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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

UBE4B ubiquitination factor E4B [Homo sapiens]

Official Symbol

UBE4B

Synonyms

UBE4B; ubiquitination factor E4B; ubiquitination factor E4B (homologous to yeast UFD2) , ubiquitination factor E4B (UFD2 homolog, yeast); ubiquitin conjugation factor E4 B; E4; KIAA0684; UBOX3; UFD2; homologous to yeast UFD2; UFD2A-III/UBE4B-III splice isoform; ubiquitin fusion degradation protein 2; ubiquitin-fusion degradation protein 2; homozygously deleted in neuroblastoma 1; homozygously deleted in neuroblastoma-1; ubiquitination factor E4B (UFD2 homolog, yeast); ubiquitination factor E4B (homologous to yeast UFD2); HDNB1; UFD2A;

Gene ID

10277

mRNA Refseq

NM_001105562

Protein Refseq

NP_001099032

MIM

613565

UniProt ID

O95155

**Chromosome
Location**

1p36.1

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Pathway

Protein processing in endoplasmic reticulum, organism-specific biosystem; Protein processing in endoplasmic reticulum, conserved biosystem; Ubiquitin mediated proteolysis, organism-specific biosystem; Ubiquitin mediated proteolysis, conserved biosystem;

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