

Recombinant Human UBA7 293 Cell Lysate

Cat. No. UBA7-601HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for ubiquitin-like modifier activating enzyme 7 (UBA7) 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

UBA7 ubiquitin-like modifier activating enzyme 7 [Homo sapiens]

Official Symbol

UBA7

Synonyms

UBA7; ubiquitin-like modifier activating enzyme 7; UBE1L, ubiquitin activating enzyme E1 like; ubiquitin-like modifier-activating enzyme 7; D8; UBA1; ubiquitin activating enzyme E1 homolog B (yeast); UBA1B; ubiquitin activating enzyme E1; UBE2; ubiquitin-activating enzyme 7; ubiquitin-activating enzyme-2; UBA7, ubiquitin-activating enzyme E1; ubiquitin-activating enzyme E1 homolog; UBA1, ubiquitin-activating enzyme E1 homolog B; ubiquitin-activating enzyme E1-related protein; UBE1L; MGC12713;

Gene ID

7318

mRNA Refseq

NM_003335

Protein Refseq

NP_003326

MIM

191325

UniProt ID

P41226

**Chromosome
Location**

3p21

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Pathway

Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination and Proteasome degradation, organism-specific biosystem; Antiviral mechanism by IFN-stimulated genes, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem;

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