

Recombinant Human USP8 293 Cell Lysate

Cat. No. USP8-451HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for ubiquitin specific peptidase 8 (USP8), transcript variant 1 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

USP8 ubiquitin specific peptidase 8 [Homo sapiens]

Official Symbol

USP8

Synonyms

USP8; ubiquitin specific peptidase 8; ubiquitin specific protease 8; ubiquitin carboxyl-terminal hydrolase 8; HumORF8; KIAA0055; UBPY; hUBPy; ubiquitin isopeptidase Y; ubiquitin thioesterase 8; deubiquitinating enzyme 8; ubiquitin thiolesterase 8; ubiquitin-specific-processing protease 8; FLJ34456; MGC129718;

Gene ID

9101

mRNA Refseq

NM_001128610

Protein Refseq

NP_001122082

MIM

603158

UniProt ID

P40818

Chromosome Location

15q21.1

Pathway

Downregulation of ERBB2:ERBB3 signaling, organism-specific biosystem;
Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem;
ErbB2/ErbB3 signaling events, organism-specific biosystem; Internalization of ErbB1,

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organism-specific biosystem; Signal Transduction, organism-specific biosystem;
Signaling by ERBB2, organism-specific biosystem;

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