

Recombinant Human UBE2Q2 293 Cell Lysate

Cat. No. UBE2Q2-564HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for ubiquitin-conjugating enzyme E2Q family member 2 (UBE2Q2), 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

UBE2Q2 ubiquitin-conjugating enzyme E2Q family member 2 [Homo sapiens]

Official Symbol

UBE2Q2

Synonyms

UBE2Q2; ubiquitin-conjugating enzyme E2Q family member 2; ubiquitin conjugating enzyme E2Q (putative) 2; ubiquitin-conjugating enzyme E2 Q2; DKFZp762C143; ubiquitin-protein ligase Q2; ubiquitin carrier protein Q2;

Gene ID

92912

mRNA Refseq

NM_001145335

Protein Refseq

NP_001138807

MIM

612501

UniProt ID

Q8WVN8

**Chromosome
Location**

15q24.2

Pathway

Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination and Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Immune System, organism-specific biosystem; Ubiquitin mediated proteolysis,

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organism-specific biosystem;

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