

RP10042LQ

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# Recombinant Human Ubiquitin-conjugating enzyme E2 E2/UBE2E2 protein

Catalog No.: RP10042LQ **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
<I>E. coli</I>	7325	Q96LR5

**Tags**  
His Tag

**Synonyms**  
UBE2E2;UBCH8

## Product Information

Source	Purification
<I>E. coli</I>	≥ 90 % as determined by SDS-PAGE.

**Endotoxin**  
Please contact us for more information.

**Formulation**  
20 mM Tris, 150 mM NaCl, 2 mM βME, 10% Glycerol

**Reconstitution**

## Background

Ube2E2 is an E2 enzyme, which is part of the E1, E2, and E3 cascade responsible for ubiquitination of protein substrates. It shares 96% identical amino acid sequence with Ube2E1 and Ube2E3 with the exception of the N-terminal extension that has little in common with the other two E2s. Ube2E2 interacts with ARA54 and RNF8. The RNF8/ Ube2E2 interaction is found to catalyze K48-linked poly-ubiquitination. Ube2E2 may play a role in ubiquitination and subsequent proteasomal degradation of the E3 Ub ligase Parkin.

## Basic Information

### Description

### Bio-Activity

### Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

### Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

### Storage

Store at -70°C. This product is stable at ≤ -70°C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles. Avoid repeated freeze/thaw cycles.

## Contact

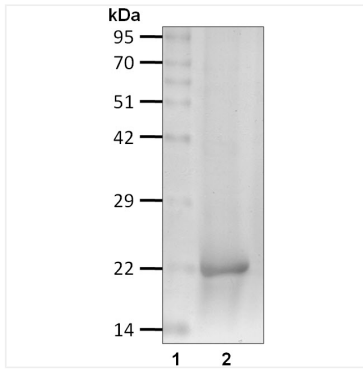


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## Validation Data

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Recombinant Human Ubiquitin-conjugating enzyme E2 E2/UBE2E2 protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.