

RP10210K

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# K63 polyUb Chain-binding Protein Identification / Validation Kit

Catalog No.: RP10210K

## Sequence Information

Species	Gene ID	Swiss Prot
Human proteins		

### Tags

### Synonyms

## Product Information

Source	Purification
E. coli recombinant	95% based on SDS-PAGE

### Endotoxin

### Formulation

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

### Reconstitution

## Background

This kit is designed for two purposes: 1) identification of proteins that specially bind K63 polyUb chains in whole cell or tissue lysates; 2) validation of direct interactions between K63 polyUb chains and their binding proteins. The non-cleavable 6xHis-tagged K63 polyUb chains (2-4) are resistant of deubiquitination when incubating with whole cell or tissue lysates, thus allowing maximally capture proteins that specifically bind K63 polyUb chains. After binding, the non-cleavable K63 polyUb chains and the binding proteins can be enriched by Nickel XPure Agarose Resin (included). The bound proteins and the non-cleavable K63 polyUb chains can be eluted from Ni resin using a buffer containing 250 mM imidazole (included) or by incubating with thrombin (not included). Either of the elution method can significantly reduce the amounts of non-specific binding proteins when compared with elution using SDS sample buffer.

## Basic Information

### Description

### Bio-Activity

### Storage

This product is stable at  $\leq -70^{\circ}\text{C}$  for up to 6 months from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze/thaw cycles.

## Contact



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