

RP10217K

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# Ubiquitin Linkage Screening Kit I

Catalog No.: RP10217K

## Sequence Information

| Species | Gene ID | Swiss Prot |
|---------|---------|------------|
|---------|---------|------------|

|                        |  |  |
|------------------------|--|--|
| E. coli<br>recombinant |  |  |
|------------------------|--|--|

**Tags**

**Synonyms**

## Background

Ubiquitin Linkage Screening Kit is designed for two purposes: 1) to identify the ubiquitin lysine residue that is used to link the polyubiquitin chain conjugated on a protein substrate; 2) to determine whether a protein substrate is polyubiquitinated or conjugated with multiple monoubiquitin. A typical 20  $\mu$ l reaction contains 100 nM UBE1, 2  $\mu$ M E2 (not supplied), 50  $\mu$ M Ub or Ub mutants, 4 mM ATP, 2  $\mu$ M E3 (not supplied) and 2  $\mu$ M substrate (no supplied) in the ubiquitination buffer.

## Basic Information

**Description**

**Bio-Activity**

**Storage**

Store at -70°C. This product is stable at  $\leq -70^\circ\text{C}$  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.

## Product Information

| Source | Purification |
|--------|--------------|
|--------|--------------|

|                     |                          |
|---------------------|--------------------------|
| E. coli recombinant | 95% based on<br>SDS-PAGE |
|---------------------|--------------------------|

**Endotoxin**

**Formulation**

20 mM Tris, 150 mM NaCl, 2 mM  $\beta$ ME,  
10% Glycerol

**Reconstitution**

## Contact



[www.abclonal.com](http://www.abclonal.com)

\* For your safety and health, please wear a lab coat and disposable gloves when handling.