

Catalog No.: RP10067LQ **Recombinant**

Species	Gene ID	Swiss Prot
Human		

His Tag

Synonyms

Source <i>E. coli</i>	Purification ≥ 95% as determined by reducing SDS-PAGE.
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Calculated MW	Observed MW
10-15 kDa	

Please contact us for more information.

20 mM Tris, 150 mM NaCl, 2 mM β ME,
10% Glycerol

Reconstitution

Ubiquitin (Ub) is a 76 amino acid protein widely expressed in the cytoplasmic and nucleus of cells. Ub is posttranslationally conjugated to proteins by the E1, E2, E3 protein ubiquitination cascade. Ub can be conjugated on proteins as monoUb or polyUb chains. Protein ubiquitination plays both proteolytic and nonproteolytic functions. Usually, polyubiquitinated proteins are targeted to the 26S proteasome for proteolysis. Typical concentration to support in vitro ubiquitination is 50-100 μ M. In 6xHis-Ub(K0), all lysine residues were substituted by arginines, thereby it can only support monoubiquitination, but not polyubiquitin chains.

Recombinant Human Ubiquitin (K all R) protein

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

(-80°C)
Avoid repeated freeze/thaw cycles.

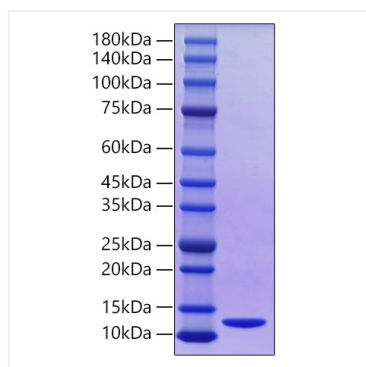
For your safety and health, please wear a lab coat and disposable gloves for handling.

 | 400-999-6126

 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

Validation Data



Recombinant Human Ubiquitin (K all R) protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.