

# Recombinant Human POLQ (1-894) Protein

Catalog No.: RP02983LQ **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	10721	O75417

### Tags

N-6His

### Synonyms

POLH;DNA polymerase theta

## Product Information

### Source

Baculovirus-Infected Sf9 Cells

### Purification

> 95% by SDS-PAGE

### Endotoxin

### Formulation

Supplied as a 0.22 µm filtered solution in 20 mM Tris, 500 mM NaCl, 2mM B-ME, 5% glycerol, pH 8.5

### Reconstitution

## Background

### Basic Information

#### Description

Recombinant human POLQ (1-894) protein with N-terminal 6x his tag +TEV cleavage site was purified by Ni-NTA affinity and followed by SEC chromatography. The POLQ (1-894) protein showed high ATPase activity in ADP-Glo assay

#### Bio-Activity

POLQ (1-894) activity test using ADP-Glo method.

#### Storage

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.

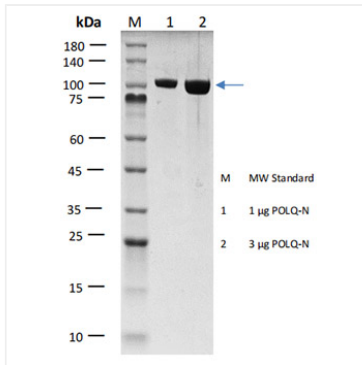
## Contact

 | 400-999-6126

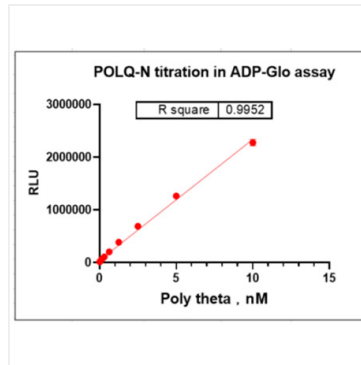
 | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

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

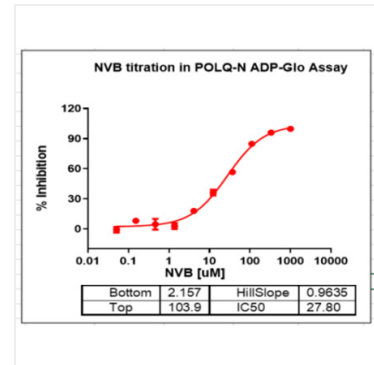
## Validation Data



Recombinant Human POLQ (1-894) Protein was determined by SDS-PAGE with Coomassie Blue, showing bands at 101.8 kDa.



POLQ (1-894) activity test using ADP-Glo method. The POLQ (1-894) activity was assayed with ADP-Glo technology. The reaction was performed by incubating the POLQ-N protein, ATP and ssDNA at 25°C for 40 min, then reading luminescence signal with BMG.



POLQ (1-894) activity test using ADP-Glo method. The POLQ (1-894) activity was assayed with ADP-Glo technology. The reaction was performed by incubating the POLQ-N protein, ATP and ssDNA at 25°C for 40 min, then reading luminescence signal with BMG.