

Recombinant Human POLQ (1819-2590) Protein

Catalog No.: RP02982LQ **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	10721	O75417

Tags

N-6His

Synonyms

POLH;DNA polymerase theta

Product Information

Source

Baculovirus-Infected > 95% by SDS-PAGE Sf9 Cells

Purification

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 (1819-2590) protein with N-terminal 6x his tag +TEV cleavage site was purified by Ni-NTA affinity and followed by SEC chromatography. The POLQ (1819-2590) protein showed high activity in TR-FRET and ADP-Glo assay.

Bio-Activity

1.POLQ (1819-2590) polymerase activity test using TR-FRET method.|2.POLQ (1819-2590) polymerase activity test using FI method.


Storage

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.

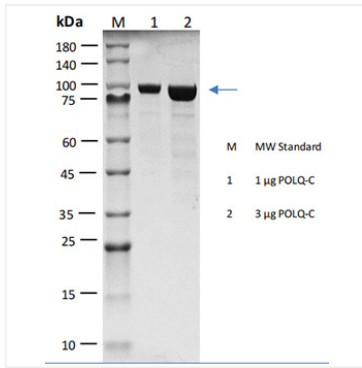
Contact

 | 400-999-6126

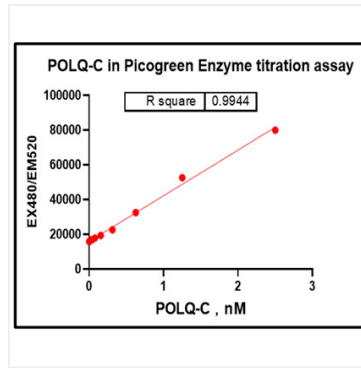
 | cn.market@abclonal.com.cn

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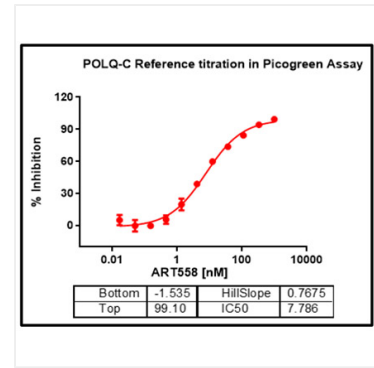
Validation Data



Recombinant Human POLQ (1819-2590)
Protein was determined by SDS-PAGE with
Coomassie Blue, showing bands at 88.6 kDa.



POLQ (1819-2590) polymerase activity test
using FI method. The POLQ (1819-2590)
polymerase activity was assayed with
PicoGreen technology. The reaction was
performed by incubating the POLQ
(1819-2590) protein, fluorescence-labeled
dsDNA and PicoGreen at 25C for 90min, then
reading 485nm and 520nm fluorescence
signal with BMG.



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