

Recombinant Human WRN (500-946) Protein

Catalog No.: RP02984LQ **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	7486	Q14191

Tags

N-6His

Synonyms

RECQ3; RECQL2; RECQL3

Product Information

Source Purification

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

Endotoxin

Formulation

Supplied as a 0.22 µm filtered solution in 100 mM Tris, pH 8.0, 150 mM NaCl, 10 % glycerol

Reconstitution

Background

Basic Information

Description

Recombinant human WRN (500-946) protein with N-terminal 6x his tag +TEV cleavage site was purified by Ni-NTA affinity and followed by SEC chromatography. The WRN protein showed high activity in TR-FRET and ADP-Glo assay

Bio-Activity

1.WRN activity test using ADP-Glo method.|2.WRN (500-946) 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.

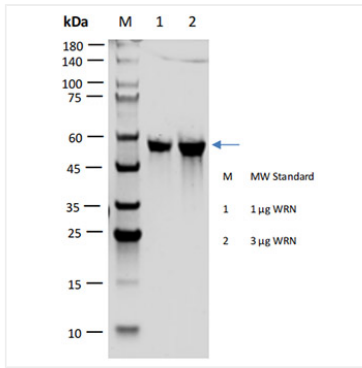
Contact

 | 400-999-6126

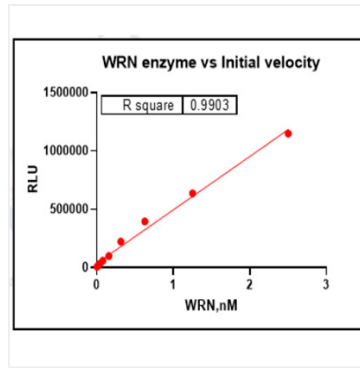
 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

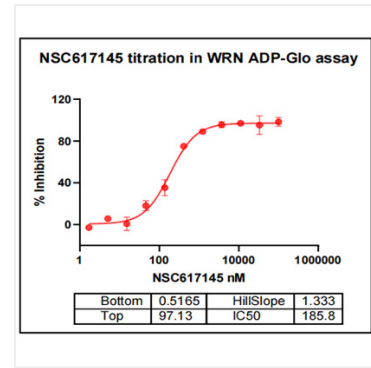
Validation Data



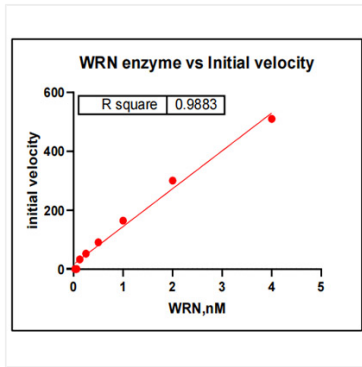
Recombinant Human WRN (500-946) Protein was determined by SDS-PAGE with Coomassie Blue, showing bands at 53 kDa.



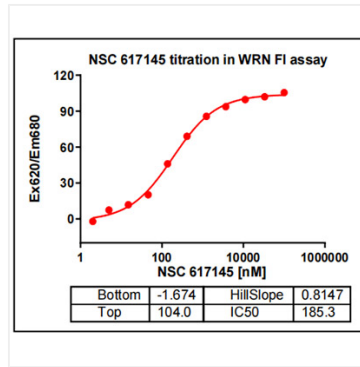
WRN activity test using ADP-Glo method. The WRN (500-946) activity was assayed with ADP-Glo technology. The reaction was performed by incubating the WRN protein, ATP and dsDNA at 25°C for 60 min, then reading luminescence signal with BMG.



WRN activity test using ADP-Glo method. The WRN (500-946) activity was assayed with ADP-Glo technology. The reaction was performed by incubating the WRN protein, ATP and dsDNA at 25°C for 60 min, then reading luminescence signal with BMG.



WRN (500-946) activity test using FI method. The WRN (500-946) unwinding activity was assayed with FI technology. The reaction was performed by incubating the WRN protein, Cy5-labeled dsDNA at 25°C for 60 min, then reading EX620/EM680 fluorescence signal with BMG.



WRN (500-946) activity test using FI method. The WRN (500-946) unwinding activity was assayed with FI technology. The reaction was performed by incubating the WRN protein, Cy5-labeled dsDNA at 25°C for 60 min, then reading EX620/EM680 fluorescence signal with BMG.