

## Recombinant Human WRN protein(Met1-Ile333), His-tagged

Cat. No. WRN-10H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human WRN protein(Q14191) (Met1-Ile333) was expressed in E. coli, with a polyhistidine tag at the N-terminus.                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                           |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | Met1-Ile333                                                                                                                                                                                                                                     |
| <b>Form</b>             | Lyophilized from sterile 50mM PB, 500mM NaCl, pH 7.7.                                                                                                                                                                                           |
| <b>Molecular Mass</b>   | The recombinant Human WRN consists of 340 amino acids and predicts a molecular mass of 38.99 kDa.                                                                                                                                               |
| <b>Endotoxin</b>        | < 1.0 EU per µg protein as determined by the LAL method.                                                                                                                                                                                        |
| <b>Purity</b>           | ≥ 90 % as determined by SDS-PAGE.                                                                                                                                                                                                               |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                                   |

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## GENE INFORMATION

|                 |                                                                                                                  |
|-----------------|------------------------------------------------------------------------------------------------------------------|
| Gene Name       | WRN Werner syndrome, RecQ helicase-like [ Homo sapiens ]                                                         |
| Official Symbol | WRN                                                                                                              |
| Synonyms        | WRN; Werner syndrome, RecQ helicase-like; Werner syndrome; Werner syndrome ATP-dependent helicase; RECQ3; RECQL2 |
| Gene ID         | 7486                                                                                                             |
| mRNA Refseq     | NM_000553                                                                                                        |
| Protein Refseq  | NP_000544                                                                                                        |
| MIM             | 604611                                                                                                           |
| UniProt ID      | Q14191                                                                                                           |

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