Recombinant Human WRN Protein(500-946aa), His&MBP-tagged

Cat. No. WRN-1387H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human WRN Protein(Q14191)(500-946aa), fused with N-terminal MBP tag and C-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	500-946aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	94.6 kDa
AA Sequence	NLGLPTKEEEEDDENEANEGEEDDDKDFLWPAPNEEQVTCLKMYFGHSSFKPVQW KVIHSVLEERRDNVAVMATGYGKSLCFQYPPVYVGKIGLVISPLISLMEDQVLQLKMS NIPACFLGSAQSENVLTDIKLGKYRIVYVTPEYCSGNMGLLQQLEADIGITLIAVDEAH CISEWGHDFRDSFRKLGSLKTALPMVPIVALTATASSSIREDIVRCLNLRNPQITCTGF DRPNLYLEVRRKTGNILQDLQPFLVKTSSHWEFEGPTIIYCPSRKMTQQVTGELRKL NLSCGTYHAGMSFSTRKDIHHRFVRDEIQCVIATIAFGMGINKADIRQVIHYGAPKDM ESYYQEIGRAGRDGLQSSCHVLWAPADINLNRHLLTEIRNEKFRLYKLKMMAKMEKY LHSSRCRRQIILSHFEDKQVQKASLGIMGTEKCCDNCRSRLDHC

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Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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; exonuclease WRN; recQ protein-like 2; DNA helicase, RecQ-like type 3; RECQL3; DKFZp686C2056;
Gene ID	7486
mRNA Refseq	NM_000553
Protein Refseq	NP_000544
MIM	604611
UniProt ID	Q14191

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