

Recombinant Human WRN Protein, non-tagged, Asn500-Gln1229

Cat. No. WRN-13H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human WRN Protein(Q14191) (Asn500-Gln1229) was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	Asn500-Gln1229
Form	Lyophilized from sterile 20mM Tris, 300mM NaCl, 10% Glycerol, 0.5mM TCEP, pH 7.5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Human WRN consists of 732 amino acids and predicts a molecular mass of 82.8 kDa. It migrates as an approximately 78.2 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	≥ 90 % as determined by SDS-PAGE.
Storage	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.

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Reconstitution

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.

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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