

DNA Polymerase I (POL 1) Protein

Catalogue No.: abx657584

DNA Polymerase I (POL 1) Protein is a Recombinant protein expressed in 293F cells.

Target: DNA Polymerase I (POL 1)

Origin: General

Expression: Recombinant

Tested Applications: WB, SDS-PAGE

Host: 293F cell

Conjugation: Unconjugated

Form: Lyophilized

Purity: > 95%

Reconstitution: To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH₂O. If a lower concentration is required, dilute in 20 mM Tris, 150 mM NaCl, pH 8.0. If a higher concentration is required, the product can be reconstituted directly in 20 mM Tris, 150 mM NaCl, pH 8.0, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.

Storage: Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P19821 ([UniProt](#), [ExPASy](#))

Gene Symbol: POLA

Molecular Weight: Calculated MW: 64.0 kDa
Observed MW (SDS-PAGE): 64 kDa

Sequence Fragment: Gly279-Glu832

Tag: N-terminal His Tag

Buffer: 20 mM Tris, 150 mM NaCl, pH 8.0, containing 1 mM EDTA, 1 mM DTT, 0.01% Sarcosyl, 5% Trehalose and Proclin-300.

Activity: Not tested

Datasheet

Version: 1.0.0

Revision date: 23 May 2025



Concentration: Prior to lyophilization: 200 µg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only