# Recombinant Bacillus subtilis (strain 168) polA protein, His-tagged

**Cat. No.** polA-3453B **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Bacillus subtilis (strain 168) polA protein(O34996)(297-880aa), fused with C-terminal His tag, was expressed in E.coli. |
| **Species** | Bacillus subtilis |
| **Source** | E.coli |
| **ProteinLength** | 297-880a.a. |
| **Tag** | His |
| **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** | 72.8 kDa |
| **Purity** | Greater than 90% 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 |

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| | 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. |
| **AA Sequence** | DQSLEDINVKTVTDVTSDILVSPSAFVVEQIGDNYHEEPILGFSIVNETGAYFIPKDIAV ESEVFKEWVENDEQKKWVFDSKRAVVALRWQGIELKGAEFDTLLAAYIINPGNSYD DVASVAKDYGLHIVSSDESVYGKGAKRAVPSEDVLSEHLGRKALAIQSLREKLVQEL ENNDQLELFEELEMPLALILGEMESTGVKVDVDRLKRMGEELGAKLKEYEEKIHEIAG EPFNINSPKQLGVILFEKIGLPVVKKTKTGYSTSADVLEKLADKHDIVDYILQYRQIGKL QSTYIEGLLKVTRPDSHKVHTRFNQALTQTGRLSSTDPNLQNIPIRLEEGRKIRQAFV PSEKDWLIFAADYSQIELRVLAHISKDENLIEAFTNDMDIHTKTAMDVFHVAKDEVTSA MRRQAKAVNFGIVYGISDYGLSQNLGITRKEAGAFIDRYLESFQGVKAYMEDSVQEA KQKGYVTTLMHRRRYIPELTSRNFNIRSFAERTAMNTPIQGSAADIIKKAMIDMAAKL KEKQLKARLLLQVHDELIFEAPKEEIEILEKLVPEVMEHALALDVPLKVDFASGPSWY DAK |
| **SDS-PAGE** | |

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