

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

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

SPECIFICATION

Product Overview	Recombinant <i>Bacillus subtilis</i> (strain 168) polA protein(O34996)(297-880aa), fused with C-terminal His tag, was expressed in <i>E.coli</i> .
Species	<i>Bacillus subtilis</i>
Source	<i>E.coli</i>
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

DQSLEDINVKTVDVTSDILVSPSAFVVEQIGDNYHEEPILGFSIVNETGAYFIPKDIAV
ESEVFKEWVENDEQKKWVFDSKRAVVALRWQGIELKGAEFDTLLAAYIINPGNSYD
DVASVAKDYGLHIVSSDESIVYGKGAKRVPSEDVLSEHLGRKALAIQSLREKLVQEL
ENNDQLELFELEEMPLALILGEMESTGVKVDVDRLKRMGEELGAKLKEYEEKIHEIAG
EPFNINSPKQLGVILFEKIGLPVVKTKTKGYSTSADVLEKLADKHDIVDYILQYRQIGKL
QSTYIEGLLKVTRPDSHKVHTRFNQALTQTGRLSSTDPNLQNIPIRLEEGRKIRQAFV
PSEKDWLIFAADYSQIELRVLAHISKDENLIEAFTNDMDIHTKTAMDVFHVAKDEV TSA
MRRQAKAVNFGIVYGISDYGLSQNLGITRKEAGAFIDRYLESFQGVKAYMEDSVQEA
KQKGYVTTLMHRRRYIPELT SRNFNIRSF AERTAMNTPIQGSAADIKKAMIDMAAKL
KEKQLKARLLLQVHDELIFEAPKEEIEILEKLVPEVMEHALALDVPLKVDFASGPSWY
DAK

SDS-PAGE

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