

Recombinant *Thermus aquaticus* polA protein, His-tagged

Cat. No. polA-4484T **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Thermus aquaticus</i> polA protein(P19821)(293-832aa(I614,L616I)), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Thermus aquaticus</i>
Source	<i>E. coli</i>
Protein Length	293-832aa(I614,L616I)
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	64.9 kDa
AA Sequence	A L E E A P W P P E G A F V G F V L S R K E P M W A D L L A L A A A R G G R V H R A P E P Y K A L R D L K E A R G L L A K D L S V L A L R E G L G L P P G D D P M L L A Y L L D P S N T T P E G V A R R Y G G E W T E E A G E R A A L S E R L F A N L W G R L E G E E R L L W L Y R E V E R P L S A V L A H M E A T G V R L D V A Y L R A L S L E V A E E I A R L E A E V F R L A G H P F N L N S R D Q L E R V L F D E L G L P A I G K T E K T G K R S T S A A V L E A L R E A H P I V E K I L Q Y R E L T K L K S T Y I D P L P D L I H P R T G R L H T R F N Q T A T A T G R L S S S D P N L Q N I P V R T P L G Q R I R R A F I A E E G W L L V A L D Y S Q N E I R V L A H L S G D E N L I R V F Q E G R D I H T E T A S W M F G V P R E A V D P L M R R A A K T I N F G V L Y G M S A H R L S Q E L A I P Y E E A Q A F I E R Y F Q S F P K V R A W I E K T L E E G R R R G Y V E T L F G R R R Y V P D L E A R V K S V R E A A E R M A F N M P V Q G T A A D L M K L A M V K L F P R L E E M G A R M L L Q V H D E L V L E A P K E R A E A V A R L A K E V M E G V Y P L A V P L E V E V G I G E D W L S A K E

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Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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.

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