

Recombinant *Thermus aquaticus* DNA polymerase I Protein (Full Length), N-MAT tagged

Cat. No. polA-5638T **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Thermus aquaticus</i> DNA polymerase I (Full Length) fused with the N-MAT tag was expressed in <i>E. coli</i> .
Species	<i>Thermus aquaticus</i>
Source	<i>E. coli</i>
ProteinLength	Full Length
Form	Lyophilized powder/frozen liquid
Molecular Mass	97.12 kDa
Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in 20 mM Tris-HCl, pH 8.3, 1 mM DTT, 0.1 % Tween 20, 50 % glycerol or lyophilized from 20 mM Tris-HCl, pH 8.3, 1 mM DTT, 0.1 % Tween 20, 50 % glycerol.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution	Reconstitute in sterile water for a stock solution.
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Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.
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GENE INFORMATION

Official Symbol	polA
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Synonyms	DNA polymerase I, thermostable; polA; EC:2.7.7.7; Taq polymerase 1; pol1
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UniProt ID	P19821
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