

Product Datasheet

polA protein (orb705071)

Catalog Number	orb705071
Description	Recombinant Thermus aquaticus DNA polymerase I, thermostable(polA)(I614N,L616I),partial
Endotoxins	Not test.
Preservatives	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.
Form/Appearance	Liquid or Lyophilized powder
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Tag	Tag-Free
Note	For research use only
Application notes	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 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. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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Protein Sequence

ALEEAPWPPPEGAFVGFVLSRKEPMWADLLALAAARGGRVHRAPEPYKALRDLKEARGLLA
KDLSVLALREGLGLPPGDDPMLLAYLLDPSNTTPEGVARRYGGEWTEEAGERAALSERLFA
NLWGRLEGEERLLWLYREVERPLSAVLAHMEATGVRLDVAYLRALSLEVAEEIARLEAEVFR
LAGHPFNLNSRDQLERVLFDLGLPAIGKTEKTGKRSTSAAVLEALREAHPIVEKILQYRELT
KLKSTYIDPLPDLIHPRTGRLHTRFNQTATATGRLSSSDPNLQNPVRTPLGQRIRRAFIAEEG
WLLVALDYSQNEIRVLAHLSGDENLIRVFQEGRDIHTETASWMFGVPREAVDPLMRRAAKT
INFGVLYGMSAHRLSQELAIPEEAQAFIERYFQSFPKVRWIEKTLEEGRRRGYVETLFGRR
RYVPDLEARVKSVREAAERMAFNMPVQGTAAADLMKLAMVKLFPRLLEEMGARMLLQVHDEL
VLEAPKERAEEAVARLAKEVMGVYPLAVPLEVEVGIGEDWLSAKE

Purity

Greater than 85% as determined by SDS-PAGE.

Source

E.coli

MW

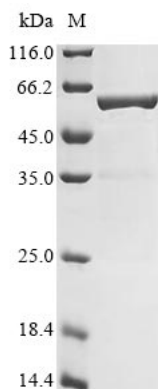
61.0 kDa

Uniprot ID

P19821

Expiration Date

6 months from date of receipt.



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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