



E. coli type 1 DNA polymerase (aa 1 - 185) (DAG-P2306)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	E. coli Type I DNA polymerase full length protein
Antigen Description	The DNA polymerases are enzymes that create DNA molecules by assembling nucleotides, the building blocks of DNA. These enzymes are essential to DNA replication and usually work in pairs to create two identical DNA strands from one original DNA molecule. During this process, DNA polymerase "reads" the existing DNA strands to create two new strands that match the existing ones.
Species	E. coli
Purity	>95% by SDS-PAGE .Purity is greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Conjugate	Unconjugated
Applications	SDS-PAGE HPLC
Molecular Weight	22 kDa
Format	Liquid
Buffer	pH: 7.40Constituents: 0.5% Tergitol-NP40, 0.75% Potassium chloride, 0.02% DTT, 0.16% Tris HCl, 0.5% Tween, 0.003% EDTA, 50% Glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. pH: 7.40Constituents: 0.5% Tergitol-NP40, 0.75% Potassium chloride, 0.02% DTT, 0.16% Tris HCl, 0.5% Tween, 0.003% EDTA, 50% Glycerol

BACKGROUND

Introduction	Escherichia coli; commonly abbreviated E. coli) is a gram-negative, facultatively anaerobic, rod-shaped bacterium of the genus Escherichia that is commonly found in the lower intestine of warm-blooded organisms (endotherms). Most E. coli strains are harml
Keywords	E. coli Type I DNA polymerase; Escherichia coli Type I DNA polymerase