

Recombinant Human POLK, GST-tagged

Cat. No. POLK-1835H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human POLK protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-347aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	POLK polymerase (DNA directed) kappa [Homo sapiens]
Official Symbol	POLK
Synonyms	POLK; polymerase (DNA directed) kappa; DINB1; DNA polymerase kappa; DINB protein; DINP; POLQ;
Gene ID	51426

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mRNA Refseq	NM_016218
Protein Refseq	NP_057302
MIM	605650
UniProt ID	Q9UBT6
Chromosome Location	5q13
Pathway	Fanconi anemia pathway, organism-specific biosystem; Fanconi anemia pathway, conserved biosystem;
Function	DNA-directed DNA polymerase activity; damaged DNA binding; metal ion binding; nucleotidyltransferase activity; transferase activity;

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