

Recombinant Human POLA2, GST-tagged

Cat. No. POLA2-1826H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human POLA2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	17-275aa
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	POLA2 polymerase (DNA directed), alpha 2 (70kD subunit) [Homo sapiens]
Official Symbol	POLA2
Synonyms	POLA2; polymerase (DNA directed), alpha 2 (70kD subunit); DNA polymerase alpha subunit B; FLJ21662; DNA polymerase alpha 70 kDa subunit; polymerase (DNA-directed), alpha (70kD); FLJ37250;

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Gene ID	23649
mRNA Refseq	NM_002689
Protein Refseq	NP_002680
UniProt ID	Q14181
Chromosome Location	11q13
Pathway	Activation of the pre-replicative complex, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Chromosome Maintenance, organism-specific biosystem; DNA Replication, organism-specific biosystem; DNA Replication, organism-specific biosystem; DNA Replication Pre-Initiation, organism-specific biosystem;
Function	DNA binding; DNA-directed DNA polymerase activity; molecular_function; protein heterodimerization activity;