

Recombinant Human POLD2, GST-tagged

Cat. No. POLD2-1828H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human POLD2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	245-430aa
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	POLD2 polymerase (DNA directed), delta 2, regulatory subunit 50kDa [Homo sapiens]
Official Symbol	POLD2
Synonyms	POLD2; polymerase (DNA directed), delta 2, regulatory subunit 50kDa; polymerase (DNA directed), delta 2, regulatory subunit (50kD); DNA polymerase delta subunit 2; DNA polymerase delta subunit p50;

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Gene ID	5425
mRNA Refseq	NM_001127218
Protein Refseq	NP_001120690
MIM	600815
UniProt ID	P49005
Chromosome Location	7
Pathway	Base Excision Repair, organism-specific biosystem; Base excision repair, organism-specific biosystem; Base excision repair, conserved biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Chromosome Maintenance, organism-specific biosystem; DNA Repair, organism-specific biosystem;
Function	DNA binding; DNA-directed DNA polymerase activity; nucleotidyltransferase activity; protein binding; transferase activity;

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