

Recombinant Human POLB, His-tagged

Cat. No. POLB-1827H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human POLB protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-335aa
Source	E.coli
Species	Human
Tag	His
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 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	POLB polymerase (DNA directed), beta [Homo sapiens]
------------------	---

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Official Symbol	POLB
Synonyms	POLB; polymerase (DNA directed), beta; DNA polymerase beta; DNA pol beta; DNA polymerase beta subunit; MGC125976;
Gene ID	5423
mRNA Refseq	NM_002690
Protein Refseq	NP_002681
MIM	174760
UniProt ID	P06746
Chromosome Location	8p12-p11
Pathway	BER complex, organism-specific biosystem; BER complex, conserved biosystem; Base Excision Repair, organism-specific biosystem; Base excision repair, organism-specific biosystem; Base excision repair, conserved biosystem; Base-free sugar-phosphate removal via the single-nucleotide replacement pathway, organism-specific biosystem; DNA Repair, organism-specific biosystem;
Function	DNA-directed DNA polymerase activity; damaged DNA binding; enzyme binding; lyase activity; metal ion binding; microtubule binding; nucleotidyltransferase activity; protein binding; transferase activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA