

Recombinant Human POLH, His-tagged

Cat. No. POLH-1833H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human POLH protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-352aa
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	POLH polymerase (DNA directed), eta [Homo sapiens]
Official Symbol	POLH
Synonyms	POLH; polymerase (DNA directed), eta; DNA polymerase eta; RAD30A; XP V; RAD30 homolog A; xeroderma pigmentosum variant type protein; XPV; XP-V; RAD30; FLJ16395; FLJ21978;

 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

Gene ID	5429
mRNA Refseq	NM_006502
Protein Refseq	NP_006493
MIM	603968
UniProt ID	Q9Y253
Chromosome Location	6p21
Pathway	DNA Damage Bypass, organism-specific biosystem; DNA Repair, organism-specific biosystem; Fanconi anemia pathway, organism-specific biosystem; Fanconi anemia pathway, conserved biosystem; Translesion synthesis by DNA polymerases bypassing lesion on DNA template, organism-specific biosystem; Translesion synthesis by Pol eta, organism-specific biosystem;
Function	DNA-directed DNA polymerase activity; DNA-directed DNA polymerase activity; damaged DNA binding; metal ion binding; nucleotidyltransferase activity; transferase activity;