

Recombinant Human POLH protein

Cat. No. POLH-1523H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human POLH protein was expressed in E. coli.
Species	Human
Source	E.coli
Description	DNA polymerase η is a member of the Y family DNA polymerases. It is involved in translesion synthesis, either error-free or error-prone, depending on the specific types of DNA lesion. Deficiency of Pol η in humans leads to the XPV disease.
Molecular Mass	78 kDa
Usage	Reaction Buffer: 25 mM potassium phosphate (pH 7.0), 5 mM MgCl ₂ , 5 mM DTT, 100 μ g/ml BSA, 10% glycerol, 50-100 μ M dNTPs. Dilution Buffer: 25 mM Tris-HCl (pH 7.5), 2.5 mM β -mercaptoethanol, 50% 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;

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Gene ID	5429
mRNA Refseq	NM_006502
Protein Refseq	NP_006493
MIM	603968
UniProt ID	Q9Y253

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