

## Recombinant Human POLL Protein, MYC/DDK-tagged

**Cat. No.** POLL-1205H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant protein of human polymerase (DNA directed), lambda (POLL) was expressed in HEK293 cells with C-terminal MYC/DDK tag.                                                                                                                                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                         |
| <b>Description</b>      | This gene encodes a DNA polymerase. DNA polymerases catalyze DNA-template-directed extension of the 3'-end of a DNA strand. This particular polymerase, which is a member of the X family of DNA polymerases, likely plays a role in non-homologous end joining and other DNA repair processes. Alternatively spliced transcript variants have been described. |
| <b>Form</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                         |
| <b>Molecular Mass</b>   | 63.3 kDa                                                                                                                                                                                                                                                                                                                                                       |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                    |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                               |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                          |

### GENE INFORMATION

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|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | POLL polymerase (DNA directed), lambda [ Homo sapiens ]                                                                                                        |
| <b>Official Symbol</b> | POLL                                                                                                                                                           |
| <b>Synonyms</b>        | POLL; polymerase (DNA directed), lambda; DNA polymerase lambda; DNA polymerase kappa; DNA polymerase beta-2; DNA polymerase beta-N; BETAN; POLKAPPA; FLJ46002; |
| <b>Gene ID</b>         | 27343                                                                                                                                                          |
| <b>mRNA Refseq</b>     | NM_001174084                                                                                                                                                   |
| <b>Protein Refseq</b>  | NP_001167555                                                                                                                                                   |
| <b>MIM</b>             | 606343                                                                                                                                                         |
| <b>UniProt ID</b>      | Q9UGP5                                                                                                                                                         |

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