

Recombinant Full Length Human POLL Protein, GST-tagged

Cat. No. POLL-6262HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human POLL full-length ORF (AAH68529.1, 1 a.a. - 575 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	575 amino acids
Description	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.
Form	Liquid
Molecular Mass	89.8 kDa
AA Sequence	MDPRGILKAFPKRQKIHADASSKVLAKIPRREEGEEAEWLSSLRAHVVRTGIGRAR AELFEKQIVQHGGQLCPAQGPGVTHIVVDEGMDYERALLRLPQLPPGAQLVKSA WLSLCLQERRLVDVAGFSIFIPSRYLDHPQPSKAEQDASIPPGTHEALLQTALSPPPP PTRPVSPQKAKEAPNTQAQPISDDEASDGEETQVSAADLEALISGHYPTSLEGDCE PSPAPAVLDKWVCAQPSSQKATNHNHYTEKLEVLAKAYSVQGDKWRALGYAKAIN ALKSFHKPVTSYQGACSIPIGIGKRMAEKIIEILESGHLRKLHDHISESVPVLELFSNIWGA

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GTKTAQMWYQQGFRSLEDIRSQASLTTQQAIGLKHYSDFLERMPREEATEIEQTVQ
KAAQAFNSGLLCVACGSYRRGKATCGDVDVLITHPDGRSHRGIFSRLDLSLRQEGF
LTDDLVSQEENGQQQKYLGVCRLPGPGRRRHRLDIIVVPYSEFACALLYFTGSAHFN
RSMRALAKTKGMSLSEHALSTAVVRNTHGCKVGPGRVLPPTTEKDVFRLLGLPYRE
PAERDW

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name POLL polymerase (DNA directed), lambda [Homo sapiens]

Official Symbol POLL

Synonyms POLL; polymerase (DNA directed), lambda; DNA polymerase lambda; DNA polymerase kappa; DNA polymerase beta-2; DNA polymerase beta-N; BETAN; POLKAPPA; FLJ46002;

Gene ID 27343

mRNA Refseq NM_001174084

Protein Refseq NP_001167555

MIM 606343

UniProt ID Q9UGP5

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