

Human POLL Recombinant Protein



RPPB2135

Product Information Protein Information

Product SKU:

RPPB2135

Accession:

Q9UGP5

Host:

E.coli.

Protein description:

POLL Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 320 amino acids (1-300) and having a molecular mass of 36.0 kDa. POLL is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Polymerase (DNA directed) lambda, Pol beta2, DNA polymerase beta-2, DNA polymerase kappa, BETAN, POLKAPPA, DNA polymerase beta-N, EC 2.7.7.7, EC 4.2.99.

Formulation:

The POLL solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M NaCl and 30% glycerol.

Purity:

Greater than 90% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHH SSSLVPRGSH MLMHHQKYLQ RFLGGKREKK QKEACSIPI GKRMAEKIIE ILESGHLRKL
DHISESVPVL ELFSNIWGAG TKTAQMWYQQ GFRSLEDIRS QASLTQQAI GLKHYSDFLE RMPREEATEI
EQTQKAAQA FNSGLLCVAC GSYRRGKATC GDVDVLITHP DGRSHRGIFS RLLDSLREQE FLTDDLVSQE
ENGQQQKYL GVCRLPGPGRR HRLDIIVVP YSEFACALLY FTGSAHFNRS MRALAKTKGM SLSEHALSTA
VVRNTHGCKV GPGRVLPPT EKDVFRLLGL PYREPAERDW.