

Human POLB Recombinant Protein



RPPB2134

Product Information Protein Information

Product SKU:

RPPB2134

Accession:

P06746

Host:

Escherichia Coli.

Protein description:

POLB Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 355 amino acids (1-335 a.a) and having a molecular mass of 40.3kDa. POLB is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

DNA polymerase beta, POLB.

Formulation:

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

Purity:

Greater than 90.0% 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:

MGSSHHHHHH SGLVPRGSH MSKRKAPQET LNGGITDMLT ELANFEKNVS QAIHKYNAYR KAASVIAKYP
HKIKSGAEAK KLPGVGTKIA EKIDEFLATG KLRKLEKIRQ DDTSSSINFL TRVSGIGPSA ARKFVDEGIK
TLEDLRKNED KLNHHQRIGL KYFGDFEKRI PREEMLQMQD IVLNEVKKVD SEYIATVCGS FRRGAESSGD
MDVLLTHPSF TSESTKQPKL LHQVVEQLQK VHFITDTLSK GETKFMGVCQ LPSKNDEKEY PHRRIDIRLI
PKDQYYCGVL YFTGSDIFNK NMRAHALEKG FTINEYTIRP LGVTGVAGEP LPVDSEKDIF DYIQWKYREP KDRSE.