

Product datasheet for **TP509017**

Poll (NM_020032) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse polymerase (DNA directed), lambda (Poll), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209017 protein sequence Red =Cloning site Green =Tags(s)

MDPQGIVKAFPKRKKSHADLSSKALAKIPKREVGARGWLSSLRAHIMPAGIGRARAELFEKQIIHHGGQ
VCSAQAPGVTHIVVDEDMDYERALRLLRPLPQPPGAQLVKSTWLSLCLQEGRLTDTGEGFLPMPKRSLDE
PQPSKSGQDASAPGTQRDLPRTTLSLSPHTRAVSPPPTAEKPSRTQAQLSSEDETS DGEGPQVSSADLQ
ALITGHYPTPEEDGGPDPAPEALDKWVCAQPSSQKATNYNLHITEKLEVLAKAYSVQGDKWRALGYAKA
INALKSFHKPVSSYQEAC SIPGIGKRMAEKVMEILESGHLRKLDDHISDSVPVLELFSNIWGAGTKTAQMW
YHQGFRNLEDLQSLGSLTAQQAIGLKHYYDDFLDRMPREEAAEIEQTVRISAQAFNPGLLCVACGSYRRGK
MTCGDVDVLITHPDGRSHRGIFSCLLDSL RQQGFLTDDLVSQEENGQQQKYLGVCR LPPGPKRHRRLDII
VVPYCEFACALLYFTGSAHFNRS MRALAKTKGMSLSEHALSAAVVRNSQGVKVGPGQVLPTPTEKDVFKH
LGLPYREPAERDW

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	62.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_064416](#)

Locus ID: 56626

UniProt ID: [Q9QXE2](#)

RefSeq Size: 2336

Cytogenetics: 19 C3

RefSeq ORF: 1722

Synonyms: 1110003P06Rik; AV007317

Summary: DNA polymerase that functions in several pathways of DNA repair. Involved in base excision repair (BER) responsible for repair of lesions that give rise to abasic (AP) sites in DNA. Also contributes to DNA double-strand break repair by non-homologous end joining and homologous recombination. Has both template-dependent and template-independent (terminal transferase) DNA polymerase activities. Has also a 5'-deoxyribose-5-phosphate lyase (dRP lyase) activity.[UniProtKB/Swiss-Prot Function]