

Recombinant Mouse Polg2 Protein, Myc/DDK-tagged

Cat. No. Polg2-4988M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length polymerase (DNA directed), gamma 2, accessory subunit (Polg2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Mitochondrial polymerase processivity subunit. Stimulates the polymerase and exonuclease activities, and increases the processivity of the enzyme. Binds to ss-DNA.
Molecular Mass	51.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Polg2 polymerase (DNA directed), gamma 2, accessory subunit [Mus musculus (house mouse)]
Official Symbol	Polg2
Synonyms	POLG2; polymerase (DNA directed), gamma 2, accessory subunit; DNA polymerase subunit gamma-2, mitochondrial; p55; mtPolB; polG-beta; polymerase, gamma 2; mitochondrial polymerase gamma 2; DNA polymerase gamma accessory 55 kDa subunit; mitochondrial DNA polymerase accessory subunit
Gene ID	50776
mRNA Refseq	NM_015810
Protein Refseq	NP_056625
UniProt ID	Q9QZM2

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