

## Product datasheet for **TP516884**

### Polg2 (NM\_015810) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse polymerase (DNA directed), gamma 2, accessory subunit (Polg2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR216884 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MRCGGGARACRRACRCWLSGYAGPADGTQQPDAPEHAVAREALVDLCRRRHFLSGTPQQLSTAALLSGCH  
ARFGPLGVELRKNLASQWWSSMVVFREQVAVDSLHQEPGSSQPRDSAFRLVSPESIREILQDREPSKEQ  
LVAFLENLLKTSGLRATLLHGALEHYVNCNLDLVNRKLPFGLAQIGVCFHPVSNNSQTPSSVTRVGEKTE  
ASLVWFTPTRTSSQWLDLFWLRHRLWWRKFAMSPSNFSSADCQDELGRKGSGLYYSFPWGKEPIETLWNL  
GDQELLHTYPGNVSTIQGRDGRKNVPCVLSVSGDVLGTLAYLYDSFQLAENSFARKKSLQRKVLKLHP  
CLAPIKVALDVGKGPVELRQVCQGLLNELLENGISVWPGYSETVHSSLEQLHISKYDEM SVLFSVLVTET  
TLENGLIQLRSRDTTMKEMMHISKLRDFLVKYLASASNV

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	51.4 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.
RefSeq:	<a href="#">NP_056625</a>
Locus ID:	50776



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UniProt ID:	<a href="#">Q9QZM2</a> , <a href="#">Q3V3E7</a>
RefSeq Size:	1585
Cytogenetics:	11 E1
RefSeq ORF:	1380
Synonyms:	mtPolB; p55; polG-beta
Summary:	Mitochondrial polymerase processivity subunit. Stimulates the polymerase and exonuclease activities, and increases the processivity of the enzyme. Binds to ss-DNA.[UniProtKB/Swiss-Prot Function]