

Recombinant Full Length Human POLD2 Protein

Cat. No. POLD2-382HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human DNA polymerase delta p50 with a N terminal proprietary tag; predicted MW: 77.66 kDa, inclusive of tag. P49005,
Species	Human
Source	In Vitro Cell Free System
ProteinLength	469 amino acids
Description	The DNA polymerase delta complex is involved in DNA replication and repair, and it consists of the proliferating cell nuclear antigen, the multisubunit replication factor C, and the 4 subunit polymerase complex: POLD1, POLD2, POLD3, and POLD4.
Form	Liquid
Molecular Mass	77.660kDa inclusive of tags
AA Sequence	MFSEQAAQRA HTLLSPPSAN NATFARVPVA TYTNSSQPFR LGERSFSRQY AHIYATRLIQ MRPFLENRAQ QHWGSGVGK KLCELQPEEK CCVVGTLFKA MPLQPSILRE VSEEHNLLPQ PPRSKYIHPD DELVLEDELQ RIKLKGTIDV SKLVTGTVLA VFGSVRDDGK FLVEDYCFAD LAPQKPAPPL DTDRFVLLVS GLGLGGGGGE SLLGTQLLVD VVTGQLGDEG EQCSAAHVSRL VILAGNLLSH STQSRDSINK AKYLTKKTQA ASVEAVKMLD EILLQLSASV PVDVMPGEFD PTNYTLPQQP LHPCMFLAT AYSTLQLVTN PYQATIDGVR FLGTSGQNVS DIFRYSSMED HLEILEWTLR VRHISPTAPD TLGCYPFYKT DPFIFPECPH

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	VYFCGNTPSF GSKIIRGPED QTVLLVTPD FSATQTACLV NLRSLACQPI SFSGFGAEDD DLGGLGLGP
Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.
GENE INFORMATION	
Gene Name	POLD2 polymerase (DNA directed), delta 2, regulatory subunit 50kDa [Homo sapiens]
Official Symbol	POLD2
Synonyms	POLD2; polymerase (DNA directed), delta 2, regulatory subunit 50kDa; polymerase (DNA directed), delta 2, regulatory subunit (50kD); DNA polymerase delta subunit 2
Gene ID	5425
mRNA Refseq	NM_001127218
Protein Refseq	NP_001120690
MIM	600815
UniProt ID	P49005

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