

Recombinant Human POLD2 Protein

Catalog #	Source	Reactivity	Applications
CRP2128	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human POLD2 Protein is produced by our E. coli expression system and the target gene encoding Met1-Pro469 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 μM filtered solution of PBS, 10% Glycerol, pH 7.4.		
Gene Symbol	POLD2		
Alternative Names	DNA polymerase delta subunit 2; DNA polymerase delta subunit p50		
Entrez Gene	5425 (Human)		
SwissProt	P49005 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>MFSEQAAQRA HTLLSPPSAN NATFARVPVA TYTNSSQPFR LGERSFSRQY AHIYATRLIQ MRPFLENRAQ QHWGSGVGVK KLCELQPEEK CCVVGTLFKA MPLQPSILRE VSEEHNLLPQ PPRSKYIHPD DELVLEDELQ RIKLKGTIDV SKLVTGTVLA VFGSVRDDGK FLVEDYCFAD LAPQKPAPPL DTDRFVLLVS GLGLGGGGGE SLLGTQLLVD VVTGQLGDEG EQCSAAHVSR VILAGNLLSH STQSRDSINK AKYLTKKTQA ASVEAVKMLD EILLQLSASV PVDVMPGEFD PTNYTLPQQP LHPCMFLAT AYSTLQLVTN PYQATIDGVR FLGTSGQNVS DIFRYSSMED HLEILEWTLR VRHISPTAPD TLGCYPFYKT DPFIFPECPH VYFCGNTPSF GSKIIRGPED QTVLLVTVPD FSATQACLV NLRSLACQPI SFGSGAEDD DLGGLGLGPL EHHHHHH</p>		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

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