

Product Data Sheet

Recombinant Human POLD2 Protein

Catalog #	Source	Reactivity	Applications
CRP2128	E. coli	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human POLD2 Protein is produced by 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	MFSEQAAQRA HTLLSPPSAN NATFARVPVA TYTNSSQPFR LGERSFSRQY AHYATR LIQ MRPFLENRAQ QHWGSGVG VK KLCELQPEEK CCVVGTLFKA MPLQPSILRE VSEEHNLLPQ PPRSKYIHPD DELVLEDELQ RIKLKGTIDV SKLVTGTVLA VFGSVRDDGK FLVEDYCFAD LAPQKPAPPL DTDRFVLLVS GLGLGGGGGE SLLGTQLLVD VVTGQLGDEG EQCSAAHVSR VILAGNLLSH STQSRDSINK AKYLTKKTKQA ASVEAVKMLD EILLQLSASV PVDVMPGEFD PTNYTLPQQP LHPCMFLAT AYSTLQLVTN PYQATIDGVR FLGTSGQNVS DIFRYSSMED HLEILEWTLR VRHISPTAPD TLGCYPFYKT DPFIFPEC PH VYFCGNTPSF GSKIIRGPED QTVLLVTVPD FSATQTACLV NLRSLACQPI SFGSGAEDD DLGGLGLGPL EHHHHHH		
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. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		

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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Storage/Stability

Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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