



# Recombinant Human DNA polymerase iota (POLI)

<b>Product Code</b>	CSB-MP892157HU
<b>Abbreviation</b>	POLI
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9UNA4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MEKLGVEPEE EGGGDDDEED AEAWAMELAD VGAAASSQGV HDQVLPTPNA SSRVIVHVDL DCFYAQVEMI SNPDKDKPL GVQQKYLVT CNYEARLGV KKL MNVRDAK EKCPQLVLVN GEDLTRYREM SYKVELLEE FSPVVERLGF DENFVDLTEM VEKRLQQLQS DELSAVTVSG HVYNNQSINL LDVLHIRLLV GSQIAAEMRE AMYNQLGLTG CAGVASNKLL AKLVSGVFKP NQQTVLLPES CQH LIHSLNH IKEIPGIGYK TAKCLEALGI NSVRDLQTF PKILEKELGI SVAQRIQKLS FGEDNSPVIL SGPPQSFSEE DSFKKCSSEV EAKNKIEELL ASLLNRVCQD GRKPHTVRLI IRRYSSEKHY GRESRQCP SHVIQKLG TG NYDVMT PMVD ILMKLF RNMV NVKMPFHLTL LSVCF CNLKA LNTAKKGLID YYLMP SLSTT SRSGKHSFKM KDTHMEDFPK DKETNRDFLP SGRIESTRTR ESPLDTTNFS KEKDINEFPL CSLPEGVDQ E VFKQLPVDIQ EEILSGKSRE KFQGKGSVSC PLHASRGVLS FFSKQ MQDI PINPRDHLSS SKQVSSVSPC EPGTSGFNSS SSSYMSSQKD YSYYLDNRLK DERISQGPKE PQGFHFTNSN PAVSAFHSFP NLQSEQLFSR NHTTDSHKQT VATDSHEGLT ENREPDSVDE KITFPSDIDP QVFYELPEAV QKELLAEWKR AGSDFHIGHK
<b>Source</b>	Mammalian cell
<b>Target Names</b>	POLI
<b>Protein Names</b>	Recommended name: DNA polymerase iota EC= 2.7.7.7 Alternative name(s): Eta2 RAD30 homolog B
<b>Expression Region</b>	1-740
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.



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