



# Recombinant Human DNA polymerase epsilon subunit 2 (POLE2)

<b>Product Code</b>	CSB-MP018310HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P56282
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	<p>MAPERLRSRA LSAFKLRGLL LRGEAIKYLT EALQSISELE LEDKLEKIIN  AVEKQPLSSN MIERSVVEAA VQECSSQSVDE TIEHVFNIG AFDIPRFVYN  SERKKFLPLL MTNHPAPNLF GTPRDKAEMF RERYTILHQR THRHELFTPP  VIGSHPDESG SKFQLKTJET LLGSTTKIGD AIVLGMITQL KEGKFFLEDP  TGTVQLDLSK AQFHSGLYTE ACFVLAEGWF EDQVFHVNAF GFPPTEPSST  TRAYYGNIINF FGGPSNTSVK TSAKLLQLEE ENKDAMFVFL SDVWLDQVEV  LEKLRFMIFAG YSPAPPTCFI LCGNFSSAPY GKNQVQALKD SLKTLADIIC  EYPDIIHQSSR FVFVPGPEDP GFGSILPRPP LAESITNEFR QRVPFSVFTT  NPCRIQYCTQ EITVFREDLV NKMCRCNCRVF PSSNLAIPNH FVKTILSQGH  LTPLPLYVCP VYWAYDYALR VYPVPDLLVI ADKYDPFTTT NTECLCINPG  SFPRSGFSFK VFYPSNKTVE DSKLQGF</p>
<b>Source</b>	Mammalian cell
<b>Target Names</b>	POLE2
<b>Protein Names</b>	<p>Recommended name: DNA polymerase epsilon subunit 2 EC= 2.7.7.7  Alternative name(s): DNA polymerase II subunit 2 DNA polymerase epsilon subunit B</p>
<b>Expression Region</b>	1-527
<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.
<b>Shelf Life</b>	<p>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.</p>