



Recombinant Human DNA polymerase epsilon subunit 2 (POLE2)

Product Code	CSB-MP018310HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P56282
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	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 TSAKLKQLEE ENKDAMFVFL SDVWLDQVEV LEKLRIMFAG YSPAPPTCFI LCGNFSSAPY GKNQVQALKD SLKTLADIIC EYPDIIHQSSR FVFVPGPEDP GFGSILPRPP LAESITNEFR QRVFVSVFTT NPCRIQYCTQ EITVFREDLV NKMCRCNCRVF PSSNLAIPNH FVKTILSQGH LTPLPLYVCP VYWAYDYALR VYPVPDLLVI ADKYDPFTTT NTECLCINPG SFPRSGFSFK VFYPSNKTVE DSKLQGF
Source	Mammalian cell
Target Names	POLE2
Protein Names	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
Expression Region	1-527
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Reconstitution	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.
Shelf Life	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.