



Recombinant Human DNA polymerase epsilon subunit 2 (POLE2)

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| Product Code | CSB-EP018310HU-B |
| 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 | <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 TSAKLKQLEE ENKDAMFVFL SDVWLDQVEV LEKLRFMIFAG YSPAPPTCFI LCGNFSSAPY GKNQVQALKD SLKTLADIIC EYPDIIHQSSR FVFVPGPEDP GFGSILPRPP LAESITNEFR QRVFVSVFTT NPCRIQYCTQ EITVFREDLV NKMCRCNCRF PSSNLAIPNH FVKTILSQGH LTPLPLYVCP VYWAYDYALR VYPVPDLLVI ADKYDPFTTT NTECLCINPG SFPRSGFSFK VFYPSNKTVE DSKLQGF</p> |
| Source | E.coli |
| Target Names | POLE2 |
| Protein Names | <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> |
| 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 | <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> |