



# Recombinant Pol polyprotein (pol)

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| <b>Product Code</b>      | CSB-EP361031ASW-B  |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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>       | P03360   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Avian reticuloendotheliosis virus  |
| <b>Purity</b>            | ≥85% (SDS-PAGE)  |
| <b>Sequence</b>          | KGELLTAGEK AIKNAPEILA LLTAVWLPKR VAVMHCKGHQ KDDAPTSTGN<br>RRADEVAREV AIRPLSTQAT ISDAPDMPDT ETPQYSHVEE ALGHRRLGTK<br>DSAGWWHLPD GRLLLPRAVG RKVLEQTHRA THLGESKLTE LVRKHYPICG<br>IYRAARDITT RCVACAQVNP RAAPVEKGLN SRIRGAAPGE HWEVDFTEMI<br>TAKGGYKYL VLVDTFSGWV EAYPAKRETS QVVIKHLILD IIPRFGLPVQ<br>IGSDNGPAFV AKVTQQLCEA LNVSWKLHCA YRPQSSGQVE RMNRTLKKA<br>AKLEDRDRRG LGLPPPSGFA PGTVYPGREG LSPFEILYGL KPPVPRVGC<br>DKLASITNQT LLKSLQALQA TRSLARAAAR PTAPERSSAR PYPTVPNLVT<br>SFFVKKHDFQ QLGPRWDGPY TVVLSTPTAV KAAGKTPWIH YSRLKKAPDN<br>QEEWTVSPTS DPLRVKLTRR AKP |
| <b>Source</b>            | E.coli   |
| <b>Target Names</b>      | pol  |
| <b>Protein Names</b>     | Recommended name: Pol polyprotein Cleaved into the following 2 chains: 1. Reverse transcriptase/ribonuclease H Short name= 2. RT EC= 3. 2.7.7.49 EC= 4. 2.7.7.7 EC= 5. 3.1.26.4 6. Integrase Short name= 7. IN   |
| <b>Expression Region</b> | 1-473  |
| <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>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.   |