



Recombinant Pol polyprotein (pol)

Product Code	CSB-EP361031ASW
Storage	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.
Uniprot No.	P03360
Product Type	Recombinant Protein
Immunogen Species	Avian reticuloendotheliosis virus
Purity	>85% (SDS-PAGE)
Sequence	KGELLTAGEK AIKNAPEILA LLTAVWLPKR VAVMHCKGHQ KDDAPTSTGN RRADEVAREV AIRPLSTQAT ISDAPDMPDT ETPQYSHVEE ALGHRLRGTK DSAGWWHLPD GRLLLPRAVG RKVLEQTHRA THLGESKLTE LVRKHYPICG IYRAARDITT RCVACAQVNP RAAPVEKGLN SRIRGAAPGE HWEVDFTEMI TAKGGYKYL LVLVDTFSGWV EAYPAKRETS QVVIKHLILD IIPRFGLPVQ IGSDNGPAFV AKVTQQLCEA LNVSWKLHCA YRPQSSGQVE RMNRTLKKA AKLEDRDRRG LGLPPPSGFA PGTVYPGREG LSPFEILYGL KPPVPRVGC DKLASITNQT LLKSLQALQA TRSLARAAAR PTAPERSSAR PYPTVPLVT SFFVKKHDFQ QLGPRWDGPY TVVLSTPTAV KAAGKTPWIH YSRLKKAPDN QEEWTVSPTS DPLRVKLTRR AKP
Source	E.coli
Target Names	pol
Protein Names	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
Expression Region	1-473
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.