



Recombinant Retron EC67 protein

Product Code	CSB-EP321935ENL
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.	P21325
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli
Purity	≥85% (SDS-PAGE)
Sequence	MTKTSKLDAL RAATSREDA KILDIKLVFL TNVLYRIGSD NQYTQFTIPK KGKGVRTISA PTDRDKDIQR RICDLLSDCR DEIFAIRKIS NNYSFGFERG KSIILNAYKH RGKQIILNID LKDFEFESFNF GRVRYGFLSN QDFLLNPVVA TTLAKAACYN GTLPQGSPCS PIISNLICNI MDMRLAKLAK KYGCTYSRYA DDITISTNKN TFPLEMATVQ PEGVVLGKVL VKEIENSGFE INDSKTRLTY KTSRQEV TGL TVNRIVNIDR CYYKKTRALA HALYRTGEYK VPDENGLVLS GGLDKLEGMF GFIDQVDFKN NIKKKLNKQP DRYVLTNATL HGFKLKLNR EKAYSKFIYY KFFHGNTCPT IITEGKT DRI YLKAALHSLE TSYPELFREK TDSKKKEINL NIFKSNEKTK YFLDLGGTA DLKKFVERYK NNYASYGVS PKQPVIMVLD NDTGPSDLLN FLRNKVKSCP DDVTEMRKMK YIHVFYNLYI VLTPLSPSGE QTSMEDLFPK DILDIKIDGK KFNKNNDGDS KTEYGKHIFS MRVVRDKK RK IDFKAFCCIF DAIKDIKEHY KLMLNS
Source	E.coli
Protein Names	Recommended name: Retron EC67 protein Alternative name(s): ORF4-EC67 RT Including the following 2 domains: RNA-directed DNA polymerase EC= 2.7.7.49 Alternative name(s): Reverse transcriptase Ribonuclease H Short name=
Expression Region	1-586
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.