



Recombinant African cassava mosaic virus Replication-associated protein (AC1)

Product Code	CSB-EP324434ADX-B
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.	P14982
Product Type	Recombinant Protein
Immunogen Species	African cassava mosaic virus (isolate West Kenyan 844) (ACMV) (Cassava latent virus (isolate West Kenyan 844))
Purity	≥85% (SDS-PAGE)
Sequence	MRTPRFRIQA KNVFLTYPKC SIPKEHLLSF IQTLSLQSNP KFIKICRELH QNGEPHLHAL IQFEGKITIT NNRLFDCVHP SCSTSFHPNI QGAKSSSDVK SYLDKDGDTV EWGQFQIDGR SARGGQQSAN DAYAKALNSG SKSEALNVIR ELVPKDFVLQ FHNLNSNLDR IFQEPPAPYV SPFPCSSFDQ VPVEIEEWVA DNVRDSAARP WRPNIVIEG DSRTGKTIWA RSLGPHNYLC GHLDLSPKVF NNAAWYNVID DVDPHYLKHF KEFMGSQRDW QSNTKYGKPV QIKGGIPTIF LCNPGPTSSY KEFLAEEKQE ALKAWALKNA IFITLTEPLY SGSNQSHSQT SQEASHPA
Source	E.coli
Target Names	AC1
Protein Names	Recommended name: Replication-associated protein Short name= Rep EC= 2.7.7.- EC= 3.1.21.-Alternative name(s): 40.4 kDa protein Protein AC1 Protein AL1
Expression Region	1-358
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4? 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.