



Recombinant Simian immunodeficiency virus Gag polyprotein (gag)

Product Code	CSB-BP619332SBAL
Abbreviation	gag
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.	Q1A268
Product Type	Recombinant Protein
Immunogen Species	Simian immunodeficiency virus (isolate MB66) (SIV-cpz) (Chimpanzee immunodeficiency virus)
Purity	>85% (SDS-PAGE)
Sequence	GARASVLTG GKLDREWEKIY LRPGGKKKYM MKHLVWASRE LERFACNPSL METTEGCKQL LQQLPALKT GSEGLRSLFN TIVVLWCVHQ GIPVKDTKEA LDQLQEAQQK GKQEVAATA DGTSTVSRNF PIVANAQQQM VHQPISPRTL NAWVKVVEEK AFSPEVIPMF MALSEGATPQ DLNMLNTVG GHQAAMQMLK EVINEEAAEW DRLHPVHAGP VPPGQMREPR GSDIAGTTST IQEQVWMTS NPPIPVVDIY KRWILGLNK IVKMYCPVSI LDIKQGPKE FRDYVDRFYK TLRAEQATQE VKNWMTDTLL VQANPDCKS ILRALPGGAT LEGDEPAFQG VGGPSHKARV LAEAMSQAQH SNAKRQFKG PKRIVKCFNC GKEGHIARNC KAPRRKGCWK CGQEGHQMRN CTNERQANFL GKLWPSSKGR PGNFLQKRPE PTAPPIESFG FREEEPAQKE EVKSEETENK LYPQLTSLKS LFGNDPLSQ
Source	Baculovirus
Target Names	gag
Protein Names	Recommended name: Gag polyprotein Alternative name(s): Pr55Gag Cleaved into the following 5 chains: 1. Matrix protein p17 Short name= 2. MA 3. Capsid protein p24 Short name= 4. CA 5. Nucleocapsid protein p7 Short name
Expression Region	2-499
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 of Mature 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.