



Recombinant Bovine immunodeficiency virus Gag polyprotein (gag)

Product Code	CSB-EP325681BKB-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.	P19558
Product Type	Recombinant Protein
Immunogen Species	Bovine immunodeficiency virus (strain R29) (BIV) (Bovine immunodeficiency-like virus)
Purity	≥85% (SDS-PAGE)
Sequence	MKRRELEKKL RKVRVTPQQD KYITIGNLQW AIRMINLMGI KVCVDEECSA AEVALIITQF SALDLENSPI RGKEEVAIKN TLKVFWSLLA GYKPESTETA LGYWEAFTYR EREARADKEG EIKSIYPSLT QNTQNKQTS NQTNTQSLPA ITTQDGTFRF DPDLMKQLKI WSDATERNGV DLHAVNILGV ITANLVQEEI KLLLNSTPKW RLDVQLIESK VREKENAHRW WKQHHPEAPK TDEIIGKGLS SAEQATLISV ECRETFRQWV LQAAMEVAQA KHATPGPINI HQGPKEPYTD FINRLVAALE GMAAPETTKE YLLQHLSIDH ANEDCQSILR PLGPNTPMEK KLEACRVVGS QKSKMQFLVA AMKEMGIQSP IPAVLPHTPE AYASQTSQPE DGRRCYGCCK TGHLKRNCCK QKCYHCGKPG HQARNCRSKN GKCSSAPYGG RSQPQNNFHQ SNMSSVTPSA PPLILD
Source	E.coli
Target Names	gag
Protein Names	Recommended name: Gag polyprotein Alternative name(s): Pr53Gag Cleaved into the following 6 chains: 1. Matrix protein p16 Short name= 2. MA 3. p2L 4. Capsid protein p26 Short name= 5. CA 6. p3 7. Nucleocapsid prot
Expression Region	1-476
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.



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