



Recombinant Human T-cell leukemia virus 1 Gag polyprotein (gag)

Product Code	CSB-EP318468HQB-B
Storage	The shelf life of liquid-form form is 6 months around at -20°C/-80°C. The shelf life of lyophilized form is 12 months around at -20°C/-80°C.
Uniprot No.	P14077
Product Type	Recombinant Protein
Immunogen Species	Human T-cell leukemia virus 1 (strain Japan MT-2 subtype A) (HTLV-1)
Purity	>85% (SDS-PAGE)
Sequence	GQIFSRAS PIPRPPRGLA AHHWLNFLQA AYRLEPGPSS YDFHQLKKFL KIALETPVWI CPINYSLLAS LLPKGYGPRV NEILHILIQT QAQIPSRPAP PPSSPTHDP PDSDPQIPPP YVEPTAPQVL PVMHPHGAPP NHRPWQMKDL QAIKQEVSA APGSPQFMQT IRLAVQQFDP TAKDLQDLLQ YLCSSLVASL HHQQLDLIS EAETRGITSY NPLAGPLRVQ ANNPQQQGLR REYQQLWLAA FAALPGSAKD PSWASILQGL EEPYHAFVER LNIALDNGLP EGTPKDPILR SLAYSNANKE CQKLLQARGH TNSPLGDMLR ACQTPWPKDK TKVLVVQPKK PPPNQPCFRC GKAGHWSRDC TQPRPPPGPC PLCQDPHTWK RDCPRLKPTI PEPEPEEDAL LLDLPADIPH PKNSIGGEV
Source	E.coli
Target Names	gag
Protein Names	Recommended name: Gag polyprotein Alternative name(s): Pr53Gag Cleaved into the following 3 chains: 1. Matrix protein p19 Short name= 2. MA 3. Capsid protein p24 Short name= 4. CA 5. Nucleocapsid protein p15-gag Short
Expression Region	2-429
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.