



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

<b>Product Code</b>	CSB-MP356020HQJ
<b>Storage</b>	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.
<b>Uniprot No.</b>	P03345
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Human T-cell leukemia virus 1 (strain Japan ATK-1 subtype A) (HTLV-1)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	GQIFSRAS PIPRPPRGLA AHHWLNFLQA AYRLEPGPSS YDFHQLKKFL KIALETPARI CPINYSLLAS LLPKGYGPRV NEILHILIQT QAQIPSRPAP PPPSSPTHDP PDSDPQIPPP YVEPTAPQVL PVMHPHGAPP NHRPWQMKDL QAIKQEVSA APGSPQFMQT IRLAVQQFDP TAKDLQDLLQ YLCSSLVASL HHQQLDLIS EAETRGITGY NPLAGPLRVQ ANNPQQQGLR REYQQLWLAA FAALPGSAKD PSWASILQGL EEPYHAFVER LNIALDNGLP EGTPKDPILR SLAYSNANKE CQKLLQARGH TNSPLGDMRL ACQTWTPKDK TKVLVVQPKK PPPNQPCFRC GKAGHWSRDC TQPRPPPGPC PLCQDPTHWK RDCPRLKPTI PEPEPEEDAL LLDLPADIPH PKNSIGGEV
<b>Source</b>	Mammalian cell
<b>Target Names</b>	gag
<b>Protein Names</b>	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 name=
<b>Expression Region</b>	131-344
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.