



Recombinant *Saccharomyces cerevisiae* Transposon Ty3-G Gag polyprotein (TY3A-G)

Product Code	CSB-EP623584SVG
Abbreviation	TY3A-G
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.	Q12173
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	SFMDQIPGG GNYPKLPVEC LPNFPIQP SL TFRGRNDSHK LKNFISEIML NMSMISWPND ASRIVYCRRH LLNPAAQWAN DFVQEQGILE ITFDTFIQGL YQHFYKPPDI NKIFNAITQL SEAKLGIERL NQRFRKIWDR MPPDFMTEKA AIMTYTRLLT KETYNIVRMH KPETLKDAME EAYQTTALTE RFFPGFELDA DGDTIIGATT HLQEEYDSDY DSEDNLTQNG YVHTVRTRRS YNKPMSNHRN RRNNNPSREE CIKNRLCFYC KKEGHLNEC RARKASSNRS
Source	E.coli
Target Names	TY3A-G
Protein Names	Recommended name: Transposon Ty3-G Gag polyprotein Alternative name(s): Gag3 Transposon Ty3-1 protein A Short name= TY3A Cleaved into the following 3 chains: 1. Capsid protein Short name= 2. CA Alternative name(s): p24
Expression Region	2-290
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.