



Recombinant *Saccharomyces cerevisiae* Transposon Ty2-LR1 Gag polyprotein (TY2A-LR1)

Product Code	CSB-EP314289SVG-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P0C2J4
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	MESQQLHQNP HSLHGSAYAS VTSKEVPSNQ DPLAVSASNL PEFDRDSTKV NSQQETTPGT SAVPENHHHV SPQPASVPPP QNGQYQQHGM MTPNKAMASN WAHYQQPSMM TCSHYQTSPA YYQPDPHYPL PQYIPPLSTS SPDPIDLKNQ HSEIPQAKTK VGNNVLP PHT LTSEENFSTW VKFYIRFLKN SNLGDII PND QGEIKRQMTY EEHAYIYNTF QAFAPFHLLP TWVKQILEIN YADILTVLCK SVSKMQTNNQ ELKDWIALAN LEYDGSTSAD TFEITVSTII QRLKENNINV SDRLACQLIL KGLSGDFKYL RNQYRTKTNM KLSQLFAEIQ LIYDENKIMN LNKPSQYKQH SEYKNVSRSTS PNTTNTKVTT RNYHRTNSSK PRAAKAHNIA TSSKFSRVNN DHINESTVSS QYLSDDNELS LRPATERI
Source	E.coli
Target Names	TY2A-LR1
Protein Names	Recommended name: Transposon Ty2-LR1 Gag polyprotein Short name= TY2A Short name= TYA Short name= Transposon Ty2 protein A Cleaved into the following 2 chains: 1. Capsid protein Short name= 2. CA 3. Gag-p4
Expression Region	1-438
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. 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.