



Recombinant *Saccharomyces cerevisiae* Transposon Ty1-ML2 Gag polyprotein (TY1A-ML2)

Product Code	CSB-EP315790SVG
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P0CX76
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	≥85% (SDS-PAGE)
Sequence	MESQQLSQHS HISHGSACAS VTSKEVHTNQ DPLDVSASKT EECEKASTKA NSQQTTTPAS SAVPENPHHA SPQPASVPPP QNGPYPQQCM MTQNCANPSG WSFYGHPSMI PYTPYQMSPM YFPPGPQSQF PQYPSSVGTP LSTPSPESGN TFTDSSSADS DMTSTKKYVR PPPMLTSPND FPNWWKTYIK FLQNSNLGGI IPTVNGKPVR QITDDELTFY YNTFQIFAPS QFLPTWVKDI LSVDYTDIMK ILSKSIEKMQ SDTQEANDIV TLANLQYNGS TPADAFETKV TNIIDRLNNN GIHINNKVAC QLIMRGLSGE YKFLRYTRHR HLNMTVAELF LDIHAIYEEQ QGSRNSKPNY RRNLSDEKND SRSYTNNTTKP KVIARNPQKT NNSKSKTARA HNVSTSNNSP STDNDSISKS TTEPIQLNNK HDLHLRPGTY
Source	E.coli
Target Names	TY1A-ML2
Protein Names	Recommended name: Transposon Ty1-ML2 Gag polyprotein Alternative name(s): Gag-p49 Transposon Ty1 protein A Short name= TY1A Short name= TYA p58 Cleaved into the following 2 chains: 1. Capsid protein Short name= 2.
Expression Region	1-440
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.