



Recombinant *Saccharomyces cerevisiae* Transposon Ty1-LR1 Gag polyprotein (TY1A-LR1)

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| Product Code | CSB-EP315788SVG |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | P0CX68 |
| Product Type | Recombinant Protein |
| Immunogen Species | <i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MESQQLSNYP HISHGSACAS VTSKEVHTNQ DPLDVSASKI QEYDKASTKA NSQQTTTPAS SAVPENPHHA SPQPASVPPP QNGPYPQQCM MTQNNANPSG WSFYGHPSMI PYTPYQMSPM YFPPGPQSQF PQYPSSVGTP LSTPSPESGN TFTDSSSADS DMTSTKKYVR PPPMLTSPND FPNWVKTYIK FLQNSNLGGI IPTVNGKPVV QITDDELTFY YNTFQIFAPS QFLPTWVKDI LSVDYTDIMK ILSKSIEKMQ SDTQEANDIV TLANLQYNGS TPADAFETKV TNIIDRLNNN GIHINNKVAC QLIMRGLSGE YKFLRYTRHR HLNMTVAELF LDIHAIYEEQ QGSRNSKPNY RRNPSDEKND SRSYTNTTKP KVIARNPQKT NNSKSKTARA HNVSTSNNSP STDNDSISKS TTEPIQLNNK HDLHLRPETY |
| Source | E.coli |
| Target Names | TY1A-LR1 |
| Protein Names | Recommended name: Transposon Ty1-LR1 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. |