



Recombinant *Saccharomyces cerevisiae* Transposon Ty2-GR1 Gag polyprotein (TY2A-GR1)

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| Product Code | CSB-EP313880SVG |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | P0C2J2 |
| 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 RNQYRKTNM KLSQLFAEIQ LIYDENKIMN LNKPSQYKQH SEYKNVSRTS PNTTNTKVTT RNYHRTNSSK PRAAKAHNIA TSSKFSRVNN DHINESTVSS QYLSDDDELS LRPATERI |
| Source | E.coli |
| Target Names | TY2A-GR1 |
| Protein Names | Recommended name: Transposon Ty2-GR1 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. |