



Recombinant *Saccharomyces cerevisiae* Elongation factor 1-alpha (TEF1)

| | |
|--------------------------|--|
| Product Code | CSB-YP360931SVG |
| 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. | P02994 |
| Product Type | Recombinant Protein |
| Immunogen Species | <i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MGKEKSHINV VVIGHVDSGK STTTGHLYIK CGGIDKRTIE KFEKEAAELG KGSFKYAWVL DKLKAERERG ITIDIALWKF ETPKYQVTVI DAPGHRDFIK NMITGTSQAD CAILIAGGV GEFEAGISKD GQTREHALLA FTLGVRQLIV AVNKMDSVKW DESRFQEIVK ETSNFIKKVG YNPKTVPFVP ISGWNGDNMI EATTNAPWYK GWEKETKAGV VKGKTLLEAI DAIEQPSRPT DKPLRLPLQD VYKIGGIGTV PVGRVETGVI KPGMVVTFAP AGVTTEVKSVM EMHHEQLEQG VPGDNVGFNV KNVSVKEIRR GNVCGDAKND PPKGCASFNA TVIVLNHPGQ ISAGYSPVLD CHTAHIACRF DELLEKNDRR SGKKLEDHPK FLKSGDAALV KFVPSKPMCV EAFSEYPPLG RFAVRDMRQT VAVGVIKSVD KTEKAAKVTK AAQKAAKK |
| Source | Yeast |
| Target Names | TEF1 |
| Protein Names | Recommended name: Elongation factor 1-alpha Short name= EF-1-alpha Alternative name(s): Eukaryotic elongation factor 1A Short name= eEF1A Translation elongation factor 1A |
| Expression Region | 1-458 |
| 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.