



Recombinant *Yarrowia lipolytica* Elongation factor 1-alpha (TEF)

Product Code	CSB-MP525296YAP
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.	O59949
Product Type	Recombinant Protein
Immunogen Species	<i>Yarrowia lipolytica</i> (strain CLIB 122 / E 150) (Yeast) (<i>Candida lipolytica</i>)
Purity	>85% (SDS-PAGE)
Sequence	MGKEKTHVNL VVIGHVDAGK STTTGHLYK CGGIDKRTIE KFEKEADELG KGSFKYAWVL DKLKAERERG ITIDIALWKF QTPKYYVTVI DAPGHRDFIK NMITGTSQAD CAILIAGGV GEFEAGISKD GQTREHALLA FTLGVKQLIV AINKMDSVKW SQDRYNEICK ETANFVKKVG YNPKSVPFVP ISGWNGDNMI EASTNCDWYK GWTKETKAGE VKGKTLLEAI DAIPPPVRPS DKPLRLPLQD VYKIGGIGTV PVGRVETGVI KAGMVVTFAP ANVTTEVKSVMHHEILPDG GFPGDNVGFN VKNVSVKDIR RGNVAGDSKN DPPKGCDSFN AQVIVLNHPG QIGAGYAPVL DCHTAHIACK FDTLIEKIDR RTGKKMEDSP KFIKSGDAAI VKMVPSKPMC VEAFTYPPPL GRFAVRDMRQ TVAVGVIKSV EKSDKAGGKV TKAAQKAAKK
Source	Mammalian cell
Target Names	TEF
Protein Names	Recommended name: Elongation factor 1-alpha Short name= EF-1-alpha
Expression Region	1-460
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.