Recombinant Kluyveromyces lactis ATP-dependent RNA helicase eIF4A (TIF1)

Product Code	CSB-EP728390KBK
Abbreviation	TIF1
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.	Q6CXT4
Product Type	Recombinant Protein
Immunogen Species	Kluyveromyces lactis (strain ATCC 8585 / CBS 2359 / DSM 70799 / NBRC 1267 / NRRL Y-1140 / WM37) (Yeast) (Candida sphaerica)
Purity	≥85% (SDS-PAGE)
Sequence	MSDGITDIDE NQIQSTYDKV VYSFDDLKLK EELLRGIFGY GFVEPSAIQQ RAILPIIEGK DVLAQAQSGT GKTGTFSIAA LQNIDEKIKA PQGLILAPTR ELALQIQKVV MALAIHMDVK VHACIGGTSL QEDSEALRGG AQIIVGTPGR VFDMIDRRIF KTDNIKMFIL DEADEMLSTG FKEQIYNIFT MLPPTSQVVL LSATMPGDVL EVTSKFMKDP VRILVKKDEL TLEGIGQYYV NVEEEQYKYD CLTDLYDSIS VTQAVIFCNT RRKVEELTER LRENNFTVSA IYSDLQQQER DTIMKEFRSG SSRILISTDL LARGIDVQQV SLVINYDLPS NKENYIHRIG RGGRFGRKGI AINFVTNKDI GAMRELERFY STQIEELPSS ISELFD
Source	E.coli
Target Names	TIF1
Protein Names	Recommended name: ATP-dependent RNA helicase eIF4A EC= 3.6.4.13 Alternative name(s): Eukaryotic initiation factor 4A Short name= eIF-4A Translation initiation factor 1
Expression Region	1-396
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.