



Recombinant *Saccharomyces cerevisiae* ATP-dependent RNA helicase eIF4A (TIF1)

Product Code	CSB-EP411343STA-B
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.	A6ZQJ1
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain YJM789) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	SEGITDIEE SQIQTNYDKV VYKFDDMELD ENLLRGVFGY GFEEPSAIQQ RAIMPIIEGH DVLAQAQSGT GKTGTFSIAA LQRIDTSVKA PQALMLAPTR ELALQIQKVV MALAFHMDIK VHACIGGTSF VEDAEGLRDA QIVVGTPGRV FDNIQRRRFR TDKIKMFILD EADEMLSSGF KEQIQIFTL LPPTTQVLL SATMPNDVLE VTTKFMRNPV RILVKKDELTA LEGIKQFYVN VEEEEYKYEC LTDLYDSISV TQAVIFCNTR RKVEELTTKL RNDKFTVSAI YSDLPQQERD TIMKEFRSGS SRILISTDLL ARGIDVQQVS LVINYDLPAN KENYIHRIGR GGRFGRKGVA INFVTNEDVG AMRELEKFYS TQIEELPSDI ATLLN
Source	<i>E.coli</i>
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 Stimulator factor I 37 kDa component Translation initiation factor 1/2 p37
Expression Region	2-395
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 of Mature 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.