



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

<b>Product Code</b>	CSB-YP411343STA
<b>Storage</b>	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.
<b>Uniprot No.</b>	A6ZQJ1
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Saccharomyces cerevisiae</i> (strain YJM789) (Baker's yeast)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	SEGITDIEE SGIQTNYDKV 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
<b>Source</b>	Yeast
<b>Target Names</b>	TIF1
<b>Protein Names</b>	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
<b>Expression Region</b>	2-395
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.