



Recombinant *Ashbya gossypii* ATP-dependent RNA helicase eIF4A (TIF1)

Product Code	CSB-EP765658DOT
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.	Q75BL8
Product Type	Recombinant Protein
Immunogen Species	<i>Ashbya gossypii</i> (strain ATCC 10895 / CBS 109.51 / FGSC 9923 / NRRL Y-1056) (Yeast) (<i>Eremothecium gossypii</i>)
Purity	>85% (SDS-PAGE)
Sequence	MSDSITNPEN SEIQTNYDKI VHKFDELKLK EVLLRGIYGY GFVDPSAIQQ RAILPIIEGH DVLAQAQSGT GKTGTFSIAA LQRIDESIKA PQALILAPTR ELALQIQKVV MALALHMDVK VHACIGGTDG REDAEALRAG AQIVVGTPGR VFDMIERRNF KTDHIKMFIL DEADEMLSSG FKEQIYKIFT MLPPTTQVVL LSATMPKEVL DVTDFKMNKP VRILVKKDAL TLEGIQQYYI NVESEEYKYD CLSDLYDSIS VTQAVIFCNT RRKVEELTKR LTDDSFTVSA IYSDLPQAQR DTIMKEFRTG SSRILISTDL LARGIDVQQV SLVINYLDPN NKENYIHRIG RGGRFGRKGV AINLVTDRDV GDMRELERFY STQIEELPAN IADLFD
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.