



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

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|--------------------------|---|
| Product Code | CSB-MP765658DOT |
| 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 VHKFDELKLLK 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 | Mammalian cell |
| 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.