



Recombinant *Schizosaccharomyces pombe* Translation initiation factor eIF-2B subunit alpha (tif221)

Product Code	CSB-MP890802SXV
Abbreviation	tif221
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.	Q9USP0
Product Type	Recombinant Protein
Immunogen Species	<i>Schizosaccharomyces pombe</i> (strain 972 / ATCC 24843) (Fission yeast)
Purity	>85% (SDS-PAGE)
Sequence	MVESDSSGIV RHSQGEFDIV QVYKKFLQDD PEITMPVA AI EALVQLLSRS QAKTISEFMD ILQNGSNTLK EGVQNNISLS AGCDIFQRFV TRSLHDVGF EQCKRHLVEN GKLFQRARA CRQRIAH LGY PLIRDGSVIL THGF SRGVAA VLLAAAKRHV RFKV FVTE SR PSGSGCLMTR TLKNACIPTC MVLDSAVSFT MNRVDLVLVG AEGVVENGGL INQIGTFQLA VFAKHAHKPF YAVAESHK FV RMFPLSQYDI PFSRPILEFD DPSPETVHPE PEPIPTPSDA IHNELIMNEE QIRNNPTLDV TPPEFVSGLI TDLGIIDSKS GVSEELIKLY L
Source	Mammalian cell
Target Names	tif221
Protein Names	Recommended name: Translation initiation factor eIF-2B subunit alpha Alternative name(s): eIF-2B GDP-GTP exchange factor subunit alpha
Expression Region	1-341
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.