



Recombinant *Saccharomyces cerevisiae* Translation initiation factor eIF-2B subunit beta (GCD7)

Product Code	CSB-YP007515SVG
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P32502
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	MSSQAFTSVH PNAATSDVNV TIDTFVAKLK RRQVQGSYAI ALETLQLLMR FISAARWNHV NDLIEQIRDL GNSLEKAHPT AFSCGNVIRR ILAVLRDEVE EDTMSTTVTS TSVAEPLISS MFNLLQKPEQ PHQNRKNSSG SSSMKTKTDY RQVAIQGIKD LIDEIKNIDE GIQQIAIDLI HDHEILLTPT PDSKTVLKFL ITARERSNRT FTVLVTEGFP NNTKNAHEFA KKLAQHNIET LVVPDSAVFA LMSRVGKVII GTKAVFVNGG TISSNSGVSS VCECAREFRT PVFAVAGLYK LSPLYPFDFVE KFVEFGGSQR ILPRMDPRKR LDTVNQITDY VPPENIDIYI TNVGGFNPSF IYRIAWDNYK QIDVHLDKNK A
Source	Yeast
Target Names	GCD7
Protein Names	Recommended name: Translation initiation factor eIF-2B subunit beta Alternative name(s): GCD complex subunit GCD7 Guanine nucleotide exchange factor subunit GCD7 eIF-2B GDP-GTP exchange factor subunit beta
Expression Region	1-381
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.