



Recombinant *Ashbya gossypii* Low-specificity L-threonine aldolase (GLY1)

Product Code	CSB-EP530374DOT
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.	O74267
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	MNQDMELPEA YTSASNDFRS DTFTPTREM IEAALTATIG DAVYQEDIDT LKLEQHVAKL AGMEAGMFCV SGTLSNQIAL RTHLTQPPYS ILCDYRAHVY THEAAGLAIL SQAMVTPVIP SNGNYLTLED IKKHYIPDDG DIHGAPTKVI SLENTLHGII HPLEELVRIK AWCMDLRL HCDGARIWNA SAESGVPLKQ YGELFDSISI CLSKSMGAPM GSILVGSHKF IKKANHFRKQ QGGGVRQSGM MCKMAMVAIQ GDWKGKMRRS HRMAHELARF CAEHGIPLES PADTNFVFLD LQKSKMNPDV LVKKSLKYGC KLMGGRVSFH YQISEESLEK IKQAILEAFE YSKKNPYDEN GPTKIYRSES ADAVGEIKTY KY
Source	<i>E.coli</i>
Target Names	GLY1
Protein Names	Recommended name: Low-specificity L-threonine aldolase EC= 4.1.2.48
Expression Region	1-382
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.