



Recombinant *Saccharomyces cerevisiae* Low specificity L-threonine aldolase (GLY1)

Product Code	CSB-EP327657SVG
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.	P37303
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	MTEFELPPKY ITAANDLRSD TFTTPTAEMM EAALEASIGD AVYGEDVDTV RLEQTVARMA GKEAGLFCVS GTLSNQIAIR THLMQPPYSI LCDYRAHVYT HEAAGLAIS QAMVVPVPS NGDYLTLEDI KSHYVPDDGD IHGAPTRLIS LENTLHGIVY PLEELVRIKA WCMENGLKLH CDGARIWNAA AQSGVPLKQY GEIFDSISIC LSKSMGAPIG SVLVGNLKFV KKATHFRKQQ GGGIRQSGMM ARMALVNINN DWKSQLLYSH SLAHELAEYC EAKGIPLESP ADTNFVFINL KAARMDPDVL VKKGLKYNVK LMGGRVSFHY QVTRDTLEKV KLAISEAFDY AKEHPFDCNG PTQIYRSEST EVDVDGN AIR EIKTYKY
Source	<i>E. coli</i>
Target Names	GLY1
Protein Names	Recommended name: Low specificity L-threonine aldolase Short name= Low specificity L-TA Short name= TA EC= 4.1.2.48
Expression Region	1-387
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.