



Recombinant *Saccharomyces cerevisiae* Transaldolase (TAL1)

Product Code	CSB-YP023112SVG
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P15019
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	SEPAQKKQK VANNSLEQLK ASGTVVVADT GDFGSIKFKQ PQDSTTNPSL ILAAAKQPTY AKLIDVAVEY GKKHGKTTEE QVENAVDRLL VEFGKEILKI VPGRVSTEVD ARLSFDTQAT IEKARHIIKL FEQEGVSKER VLIKIASTWE GIQAAKELEE KDGHCNLT LFSFVQAVAC AEAQVTLISP FVGRILDWYK SSTGKDYKGE ADPGVISVKK IYNYKKG YGKTIVMGASFR STDEIKNLAG VDYLTISPAL LDKLMNSTEP FPRVLDPVSA KKEAGDKISY ISDESKFRFD LNEDAMATEK LSEGIRKFSA DIVTLFDLIE KKVTA
Source	Yeast
Target Names	TAL1
Protein Names	Recommended name: Transaldolase EC= 2.2.1.2
Expression Region	2-335
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 of Mature 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.