



Recombinant Low specificity L-threonine aldolase (ItaE)

Product Code	CSB-YP349740EOD
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.	P58319
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7
Purity	>85% (SDS-PAGE)
Sequence	MIDLRSDTVT RPSRAMLEAM MAAPVGDDVY GDDPTVNALQ DYAAELSGKE AAIFLPTGTQ ANLVALLSHC ERGEEYIVGQ AAHNYLFEAG GAAVLGSIQP QPIDAAADGT LPLDKVAMKI KPDDIHFART KLLSLENTHN GKVLPREYLK DAWEFTRERN LALHVDGARI FNAVVAYGSE LKELTQYCDS FTICLSKGLG TPVGSLLVGN RDYIKRAIRW RKMTGGGMRQ SGILAAAGMY ALKNNVARLQ EDHDNAAWMA EQLREAGADV MRQDTNMLFV RVGEENAAAL GEYMKARNVL INASPIVRLV THLDVSREQL AEVAHWRAF LAR
Source	Yeast
Target Names	ItaE
Protein Names	Recommended name: Low specificity L-threonine aldolase Short name= Low-specificity L-TA EC= 4.1.2.48
Expression Region	1-333
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.