



Recombinant Escherichia coli Acetolactate synthase isozyme 1 large subunit (ilvB)

Product Code	CSB-YP357307ENV
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.	P08142
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	<p> MASSGTTSTR KRFTGAEFIV HFLEQQGIKI VTGIPGGSIL PVYDALSQST QIRHILARHE QGAGFIAQGM ARTDGKPAVC MACSGPGATN LVTAIADARL DSIPLICITG QVPASMIGTD AFQEVDTYGI SIPITKHNYL VRHIEELPQV MSDAFRIAQS GRPGPVWIDI PKDVQTAVFE IETQPAMA EK AAAPAFSEES IRDAAAMINA AKRPVLYLGG GVINAPARVR ELAEKAQLPT TMTLMALGML PKAHPLSLGM LGMHGVVSTN YILQEADLLI VLGARFDDRA IGKTEQFCPN AKIIHVDIDR AELGKIKQPH VAIQADVDDV LAQLIPLVEA QPRAEWHQLV ADLQREFPCP IPKACDPLSH YGLINAVAAC VDDNAIITTD VGQHQMWTAQ AYPLNRPRQW LTSGGLGTMG FGLPAAIGAA LANPDRKVL C FSGDGLMMN IQEMATASEN QLDVKIILMN NEALGLVHQQ QSLFYEQGVF AATYPGKINF MQIAAGFGL E TCDLNNEADP QASLQEIINR PGPALIHVRI DAEKVVYPMV PPGAANTEMV GE </p>
Source	Yeast
Target Names	ilvB
Protein Names	Recommended name: Acetolactate synthase isozyme 1 large subunit Short name= AHAS-I EC= 2.2.1.6 Alternative name(s): Acetohydroxy-acid synthase I large subunit Short name= ALS-I
Expression Region	1-562
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.