



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

<b>Product Code</b>	CSB-EP357307ENV-B
<b>Storage</b>	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.
<b>Uniprot No.</b>	P08142
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MASSGTTSTR KRFTGAEFIV HFLEQQGIKI VTGIPGGSIL PVDALSQST 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 IGTKTEQFCPN 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 DAEKVYPMV PPGAANTEMV GE
<b>Source</b>	E.coli
<b>Target Names</b>	ilvB
<b>Protein Names</b>	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
<b>Expression Region</b>	1-562
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.