



Recombinant Escherichia coli Branched-chain-amino-acid aminotransferase (ilvE)

Product Code	CSB-EP002601ENV-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P0AB80
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	≥85% (SDS-PAGE)
Sequence	TTKKADYIW FNGEMVRWED AKVHVMSHAL HYGTSVFEGI RCYDSHKGPV VFRHREHMQR LHDSAKIYRF PVSQSIDELM EACRDVIRKN NLTSAYIRPL IFVGDVGMGV NPPAGYSTDV IIAAFPWGAY LGAEALEQGI DAMVSSWNRA APNTIPTAAK AGGNYLSSLL VGSEARRHGY QEGIALDVNG YISEGAGENL FEVKDGVLFY PPFTSSALPG ITRDAIKLA KELGIEVREQ VLSRESLYLA DEVFMSGTAA EITPVRSDVG IQVGEGRCGP VTKRIQQAFF GLFTGETEDK WGWLDQVNV
Source	E.coli
Target Names	ilvE
Protein Names	Recommended name: Branched-chain-amino-acid aminotransferase Short name= BCAT EC= 2.6.1.42 Alternative name(s): Transaminase B
Expression Region	2-309
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.