



# Recombinant Escherichia coli Ketol-acid reductoisomerase (ilvC)

<b>Product Code</b>	CSB-MP356628ENV
<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>	P05793
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>           ANYFNTLNL RQQLAQLGKC RFMGRDEFAD GASYLQGKKV VIVGCGAQGL            NQGLNMRDSG LDISYALRKE AIAEKRASWR KATENGFKVG TYEELIPQAD            LVINLTPDKQ HSDVVRTVQP LMKDGAALGY SHGFNIVEVG EQIRKDITVV            MVAPKCPGTE VREEYKRGFG VPTLIAVHPE NDPKGEGMAI AKAWAAATGG            HRAGVLESSF VAEVKSDLMG EQTILCGMLQ AGSLLCFDKL VEEGTDPAYA            EKLIQFGWET ITEALKQGGI TLMMDRLSNP AKLRAYALSE QLKEIMAPLF            QKHMDIISG EFSSGMMADW ANDDKLLTW REETGKTAFE TAPQYEGKIG            EQEYFDKGV L MIAMVKAGVE LAFETMVDSG IIEESAYYES LHELPLIANT            IARKRLYEMN VVISDTAEYG NYLFSYACVP LLKPFMAELQ PGDLGKAIFE            GAVDNGQLRD VNEAIRSHAI EQVGKRLRGY MTDMKRIAVA G         </p>
<b>Source</b>	Mammalian cell
<b>Target Names</b>	ilvC
<b>Protein Names</b>	Recommended name: Ketol-acid reductoisomerase EC= 1.1.1.86 Alternative name(s): Acetohydroxy-acid isomeroeductase Alpha-keto-beta-hydroxylacil reductoisomerase
<b>Expression Region</b>	2-491
<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 of Mature 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.