



Recombinant Escherichia coli O81 Ketol-acid reductoisomerase (ilvC)

Product Code	CSB-EP482779EOP
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.	B7N269
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O81 (strain ED1a)
Purity	≥85% (SDS-PAGE)
Sequence	MANYFNTLNL RQQLAQLGKC RFMGRDEFAD GASYLQGKKV VIVGCGAQQGL NQGLNMRDSG LDISYALRKE AIAEKRASWR KATENGFKVG TYEELIPQAD LVVNLTPDKQ HSDVVRTVQP LMKDGAALGY SHGFNIVEVG EQIRKDITVV MVAPKCPGTE VREEYKRGFG VPTLIAVHPE NDPKGEGMAI AKAWAAATGG HRAGVLESSF VAEVKSDLMG EQTILCGMLQ AGSLLCFDKL VEEGTDPAYA EKLIQFGWET ITEALKQGGI TLMMDRLSNP AKLRAYALSE QLKEIMAPLF QKHMDDIISG EFSSGMMADW ANDDKLLTW REETGKTAFE TAPQYEGKIG EQEYFDKGVL MIAMVKAGVE LAFETMVDSG IIEESAYYES LHELPLIANT IARKRLYEMN VVISDTAEYG NYLFSYACVP LLKPFMAELQ PGDLGKAIFE GAVDNAQLRD VNEAIRSHAI EQVGKKLRGY MTDMKRIAVA G
Source	E.coli
Target Names	ilvC
Protein Names	Recommended name: Ketol-acid reductoisomerase EC= 1.1.1.86 Alternative name(s): Acetohydroxy-acid isomeroeductase Alpha-keto-beta-hydroxylacil reductoisomerase
Expression Region	1-491
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.