



Recombinant Escherichia coli O8 Dihydroxy-acid dehydratase (ilvD)

Product Code	CSB-EP486845E00
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.	B7M5B9
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O8 (strain IA11)
Purity	>85% (SDS-PAGE)
Sequence	MPKYRSATTT HGRNMAGARA LWRATGMTDA DFGKPIIAVV NSFTQFVPGH VHLRDLGKLV AEQIEAAGGV AKEFNITIAVD DGIAMGHGGM LYSLPSRELI ADSVEYMVNA HCADAMVCIS NCDKITPGML MASLRLNIPV IFVSGGPMEA GKTKLSDQII KLDLVDAMIQ GADPKVSDSQ SDQVERSACP TCGSCSGMFT ANSMNCLTEA LGLSQPGNGS LLATHADRKQ LFLNAGKRIV ELTKRYEYEQN DESALPRNIA SKAAFENAMT LDIAMGGSTN TVLHLLAAAQ EAEIDFTMSD IDKLSRKVPQ LCKVAPSTQK YHMEDVHRAG GVIGILGELD RAGLLNRDVK NVLGLTLPQT LEQYDVMLTQ DDAVKNMFRA GPAGIRTTQA FSQDCRWDSL DDDRANGCIR SLEHAYSKDG GLAVLYGNFA ENGCIVKTAG VDDSILKFTG PAKVYESQDD AVEAILGGKV VAGDVVVIRY EGPKGGPGMQ EMLYPTSFLK SMGLGKACAL ITDGRFSGGT SGLSIGHVSP EAASGGSIGL IEDGDIAID IPNRGIQLQV SDAELAARRE AQEARGDKAW TPKNRERQVS FALRAYASLA TSADKGAVRD KSKLGG
Source	E.coli
Target Names	ilvD
Protein Names	Recommended name: Dihydroxy-acid dehydratase Short name= DAD EC= 4.2.1.9
Expression Region	1-616
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.