



# Recombinant Escherichia coli O6:K15:H31 Dihydroxy-acid dehydratase (ilvD)

<b>Product Code</b>	CSB-EP605570EGY
<b>Abbreviation</b>	ilvD
<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>	Q0TAU9
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O6:K15:H31 (strain 536 / UPEC)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MPKYRSATTT HGRNMAGARA LWRATGMTDA DFGKPIIAVV NSFTQFVPGH VHLRDLGKLV AEQIEAAGGV AKEFNITAVD DGIAMGHGGM LYSLPSRELI ADSVEYMVNA HCADAMVCIS NCDKITPGML MASLRLNIPV IFVSGGPMEA GKTKLSDQII KLDLVDAMIQ GADPKVSDSQ SDQVERSACP TCGSCSGMFT ANSMNCLTEA LGLSQPGNGS LLATHADRKQ LFLNAGKRIV ELTKRYEYEQD DESALPRNIA SKAAFENAMT LDIAMGGSTN TVLHLLAAAQ EAEIDFTMSD IDKLSRKVPQ LCKVAPSTQK YHMEDVHRAG GVIGILGELD RAGLLNRDVK NVLGLTLPQT LEQYDIIVTQ DDAVKMNFRA GPAGIRTTQA FSQDCRWDTL DDDRSNGCIR SLEHAYSKDG GLAVLYGNFA ENGCIVKTAG VDDSILKFTG PAKVYESQDD AVEAILGGKV VAGDVVVIRY EGPKGGPGMQ EMLYPTSFLK SMGLGKACAL ITDGRFSGGT SGLSIGHVSP EAASGGSIGL IEDGDIAID IPNRGIQLQV SDAELARRE AQEARGNKAW TPKNRERQVS FALRAYASLA TSADKGAVRD KSKLGG
<b>Source</b>	E.coli
<b>Target Names</b>	ilvD
<b>Protein Names</b>	Recommended name: Dihydroxy-acid dehydratase Short name= DAD EC= 4.2.1.9
<b>Expression Region</b>	1-616
<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.



## 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.