

---

## Product Datasheet

### **E. coli IdcC protein (orb705318)**

**Description**

Recombinant Escherichia coli Constitutive lysine decarboxylase(ldcC)

**Endotoxins**

Not test.

**Preservatives**

If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.

**Form/Appearance**

Liquid or Lyophilized powder

**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.

**Tag**

C-terminal 6xHis-tagged

**Note**

For research use only

**Application notes**

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.

**Protein Sequence**

MNIIAIMGPHGVFYKDEPIKELESALVAQGFQIIWPQNSVDLLKFIEHNPRICGVIF  
 DWDEYSLDLCS DINQLNEYLPYAFINTHSTMDVSVQDMRMALWFFEYALGQA  
 EDIAIRMRQYTD EYLDNITPPFTKALFTYVKERKYTFCTPGHMGGTAYQKSPVGL  
 FYDFGGNTLKADVSISVTELGSLDHTGPHLEAEEYIARTFGAEQSYIVTNGTST  
 SNKIVGMYAAPSGSTLLIDRNCHKSLAHLMMNDVVPVWLKPTRNALGILGGIPR  
 REFTRDSIEEKVAATTQAQWPVHAVITNSTYDGLLYNTDWIKQTLDVPSIHFD  
 SA WVPYTHFHPIYQKGKSGMSGERVAGKVIFETQSTHKMLAALSQASLIHIKGEY  
 DEE AFNEAFMMHTTTSPSYPIVASVETAAAMLRGNPGKRLINRSVERALHFRKEV  
 QRL REESDGWFFDIWQPPQVDEAECWPVAPGEQWHGFNDADADHMFLDPVKV  
 TIL TPGMDEQGNMSEEGIPAALVAKFLDERGIVVEKTGPYNLLFLFSIGIDKTKAM  
 GLL RGLTEFKRSYDLNLRINKMLPDLYAEDPDFYRNMRIQDLAQGIHKLIRKHD  
 LPLG MLRAFDTLPEMIMTPHQAWQRQIKGEVETIALEQLVGRVSANMILPYPPG  
 VPLLM PGEMLTKESRTVLDLMLCSVGGHYHPGFETDIHGAKQDEDEGVYRVRV  
 LK MAG

**Purity**

Greater than 85% as determined by SDS-PAGE.

**Source**

E.coli

**MW**

82.6 kDa

**Uniprot ID**
[P52095](#)
**Expiration Date**

6 months from date of receipt.