

Recombinant Ornithine Decarboxylase (ODC) Instruction Manual

SIPB223Hu03

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Cytoplasm
Predicted Molecular Mass	54.7kDa
Accurate Molecular Mass	55kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Val461 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	5.0
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

```
MNCFGNEEFD CHFLDEGFTA KDILDQKINE VSSDDKDAF YVADLGDILK
KHLRWLKALP RVTPFYAVKC NDKAIVKTL AATGTGFDCA SKTEIQLVQS
LGVPPERIIY ANPCKQVSQI KYAANNGVQM MTFDSEVELM KVARAHPKAK
LVLRIATDDS KAVCRLSVKF GATLRTSRL LERAKELNID VVGVSFHVGS
GCTDPETFVQ AISDARCVFD MGAEVGFSMY LLDIGGGFPG SEDVKLFEE
ITGVINPALD KYFSDSGVR IIAEPGRYYV ASFTLAVNI IAKKIVLKEQ
TGSDDEDESS EQTFMYVND GYVGSFNCIL YDHAHVKPLL QKRPKPDEKY
YSSSIWGPTC DGLDRIVERC DLPEMHVGDW MLFENMGAYT VAAASTFNGF
QRPTIIYYVMS GPAWQLMQQF QNPDFPPEVE EQDASTLPVS CAWESGMKRH
RAACASASIN V
```

USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image

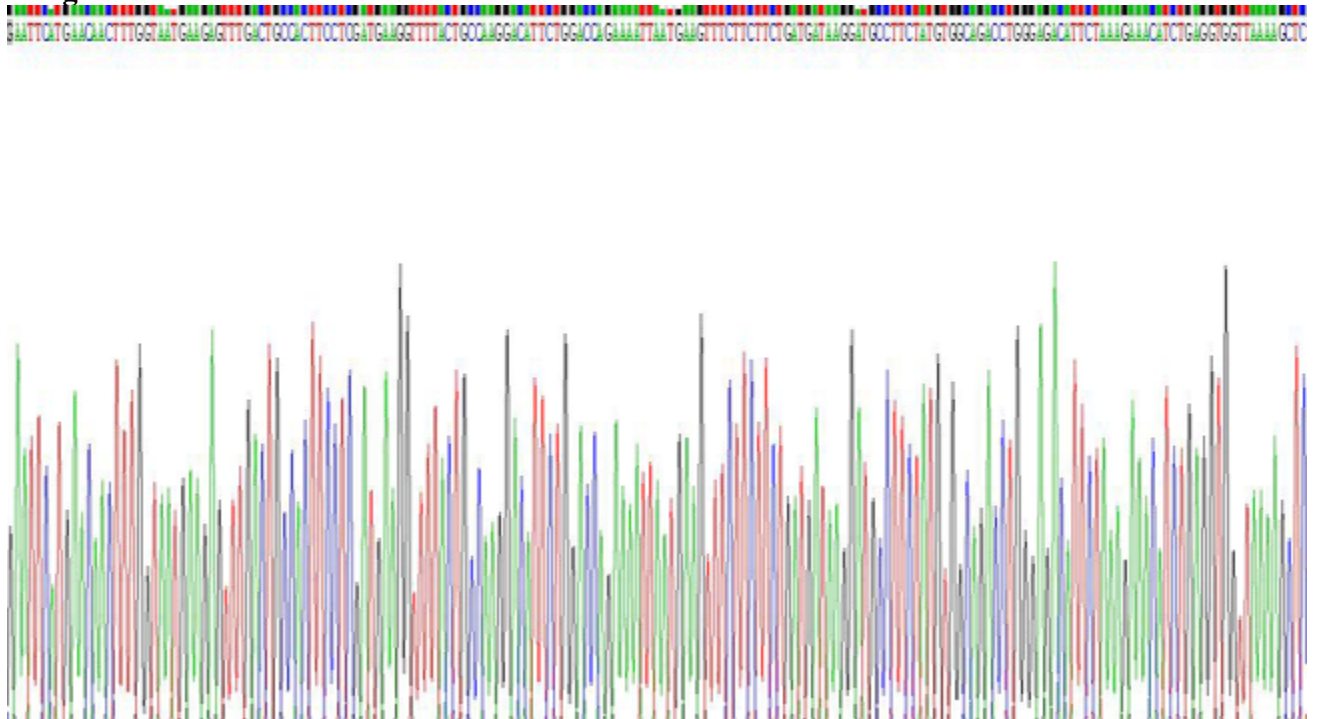


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.