

RPB332Ra01 100ug
Recombinant Ornithine Decarboxylase (ODC)
Organism Species: *Rattus norvegicus* (Rat)
Instruction manual

FOR RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Met1~Val461

Tags: N-terminal His Tag

Subcellular Location: Cytoplasm

Purity: > 97%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 5.2

Predicted Molecular Mass: 54.7kDa

Accurate Molecular Mass: 55kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

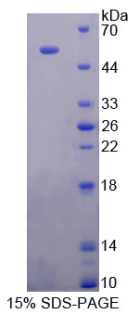
Aliquot and store at -80°C for 12 months.

Stability Test: 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.

[SEQUENCE]

MGSFTKEEFD CHILDEGFTA KDILDQKINE VSSSDDKDAF YVADLGDVLK
KHLRWLKALP RVTPFFYAVKC NDSRAIVSTL AAIGTGFDCA SKTEIQLVQG
LGVPPERIIY ANPCKQVSQI KYAASNGVQM MTFDSEIELM KVARAHPKAK
LVLRIATDDS KAVCRLSVKF GATLKTSRLL LERAKELNID VIGVSFHVGS
GCTDPETFVQ AVSDARCVFD MGTEVGFSMY LLDIGGGFPG SEDTKLKFEF
ITSVINPALD KYFPDSGVR IIAEPGRYYV ASAFTLAVNI IAKKTVWKEQ
TGSDDDESN EQTLMYYVND GVGYSFNCIL YDHAHVKALL QKRPKPDEKY
YSSSIWGPTC DGLDRIVERC SLPFMHVGDW MLFENMGAYT VAAASTFNGF
QRPNIIYYVMS RSMWQLMKQI QSHGFPEVE EQDVGTLPMS CAQESGMDRH
PAACASASIN V

[IDENTIFICATION]



[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.