

# Recombinant Ectonucleoside Triphosphate Diphosphohydrolase 1 (ENTPD1) Instruction Manual

**SIPB596Ra01**

**Rattus norvegicus (Rat)**

<b>Source</b>	Prokaryotic expression
<b>Host</b>	E.coli
<b>Endotoxin Level</b>	<1.0EU per 1µg (determined by the LAL method)
<b>Subcellular Location</b>	Membrane
<b>Predicted Molecular Mass</b>	57.3kDa
<b>Accurate Molecular Mass</b>	57kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Leu213~Thr452 with N-terminal His and GST Tag
<b>Buffer Formulation</b>	100mMNaHCO <sub>3</sub> , 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 95%
<b>Isoelectric Point</b>	6.6
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

## SEQUENCE

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L G G S S T Q V T F V P L N Q T L E A P E T S L Q F R L Y G T D Y T V Y T H  
S F L C Y G K D Q A L W Q K L A Q D I Q V S S G G I L K D P C F Y P G Y K K V V N V S E L Y G T P C  
T K R F E K K L P F N Q F Q V Q G T G D Y E Q C H Q S I L K F F N N S H C P Y S Q C A F N G V F L P  
P L Q G S F G A F S A F Y F V M D F F K K M A N D S V S S Q E K M T E I T K N F C S K P W E E V K A  
S Y P T V K E K Y L S E Y C F S G T Y I L S L L L Q G Y N F T G T S W D Q I H F M G K I K D S N A G  
W T
```

## USAGE

Reconstitute in ddH<sub>2</sub>O 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

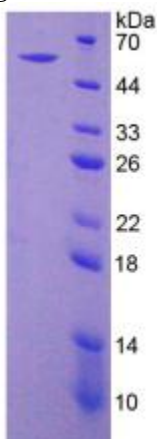


Figure. SDS-PAGE

### **[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.