

RPB118Ra01 10µg

Recombinant Ectonucleoside Triphosphate Diphosphohydrolase 1 (ENTPD1)

Organism Species: Rattus norvegicus (Rat)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[**PROPERTIES**]

Source: Prokaryotic expression.

Host: *E. coli*

Residues: Leu213~Thr452

Tags: Two N-terminal Tags, His-tag and GST-tag

Tissue Specificity: Brain.

Subcellular Location: Membrane; Multi-pass membrane protein.

Purity: >95%

Traits: Freeze-dried powder

Buffer formulation: 100mM NaHCO₃, 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.

Original Concentration: 200ug/mL

Applications: SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.

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

Predicted isoelectric point: 6.6

Predicted Molecular Mass: 57.3kDa

Accurate Molecular Mass: 57kDa as determined by SDS-PAGE reducing conditions.

[**USAGE**]

Reconstitute in 100mM NaHCO₃, 500mM NaCl (pH8.3) 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]

	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

WT

[IDENTIFICATION]

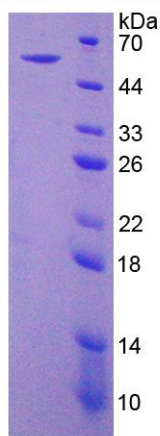


Figure 1. SDS-PAGE