

RPC441Hu01 50µg

Recombinant Dipeptidase 1, Renal (DPEP1)

Organism Species: *Homo sapiens (Human)*

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: Asp17~Leu411

Tags: N-terminal His Tag

Subcellular Location: Membrane

Purity: > 80%

Traits: Freeze-dried powder

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

Original Concentration: 50µg/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: 5.8

Predicted Molecular Mass: 47.5KDa

Accurate Molecular Mass: 48kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O to a concentration of 0.1-0.2 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]

		DFFR	DEAERIMRDS	PVIDGHNDLP	WQLLDMFNNR
LQDERANLTT	LAGHTNIPK	LRAGFVGGQF	WSVYTPCDTQ	NKDAVRRTLE	
QMDVVHRMCR	MYPETFLYVT	SSAGIRQAFR	EGKVASLIGV	EGGHSIDSSL	
GVLRALYQLG	MRYLTLTHSC	NTPWADNWL	DTGDSEPQSQ	GLSPFGQRVV	
KELNRLGVLI	DLAHVSVATM	KATLQLSRAP	VIFSHSSAYS	VCASRRNVPD	
DVLRLVKQTD	SLVMVNFYNN	YISCTNKANL	SQVADHLDHI	KEVAGARAVG	
FGGDFDGVPR	VPEGLEDVSK	YPDLIAELLR	RNWTEAEVKG	ALADNLLRVF	
EAVEQASNLT	QAPEEEPIPL	DQLGGSCRTH	YGYSSGASSL	HRHWGLLLAS	
LAPLVLCLSL	L				

[IDENTIFICATION]

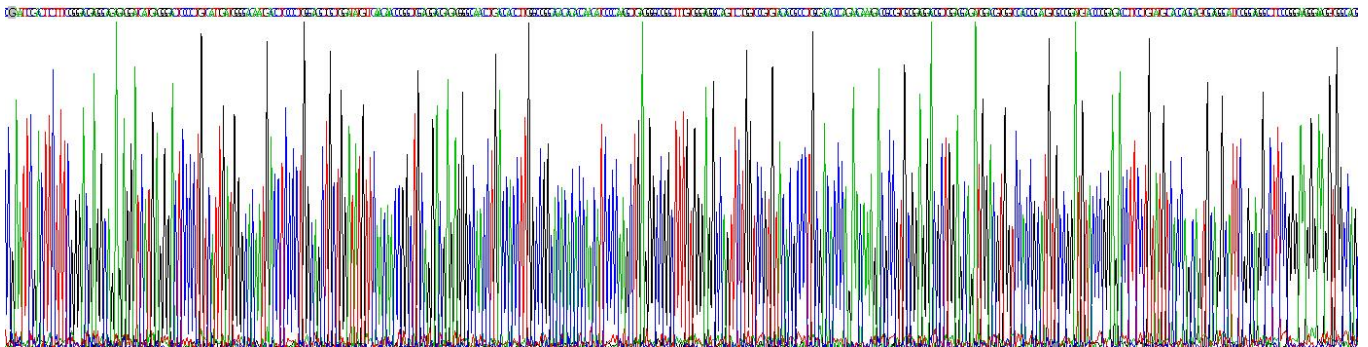


Figure . Gene Sequencing (extract)

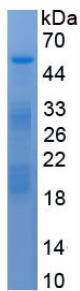


Figure. SDS-PAGE

[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.