



**NPA632Hu01 100µg**

**Native Pepsin (PP)**

**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:** Natural Extract

**Host:** Human (Stomach)

**Tissue Specificity:** Stomach.

**Purity:** >95% as determined by SDS-PAGE.

**Purification Methods:** Salt co-precipitation and ionic-Exchange chromatography.

**Traits:** Freeze-dried powder

**Buffer Formulation:** CH<sub>3</sub>COOH and CH<sub>3</sub>COONa, pH4.6.

**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.)

**Accurate Molecular Mass:** 42.0kDa

**Observe Molecular Mass:** 42kDa

## **[ USAGE ]**

Reconstitute in CH<sub>3</sub>COOH and CH<sub>3</sub>COONa (PH4.6) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

**Pepsin is most active in acidic environments.**

## **[ STORAGE AND STABILITY ]**

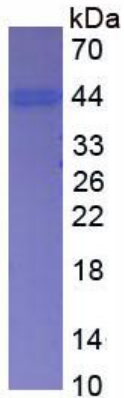
**Storage:** Avoid repeated freeze/thaw cycles.

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.

**[ IDENTIFICATION ]**



**Figure 1. 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.