

**EPA847Hu61 100ug**

**Eukaryotic Resistin (RETN)**

**Organism Species: Homo sapiens (Human)**

***Instruction manual***

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

---

---

11th Edition (Revised in May, 2016)

## **[ PROPERTIES ]**

**Source:** Eukaryotic expression.

**Host:** 293F cell

**Residues:** Lys19~Pro108

**Tags:** Two Tags, His-tag and Fc-tag

**Homology:** Mouse 56%, rat 64%

**Tissue Specificity:** Serum.

**Subcellular Location:** Secreted.

**Purity:** >95%

**Endotoxin Level:** <1.0EU per 1µg (determined by the LAL method).

**Traits:** Freeze-dried powder

**Buffer Formulation:** 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 5%Trehalose and Proclin300.

**Original Concentration:** 200ug/mL

**Predicted isoelectric point:** 5.7

**Predicted Molecular Mass:** 36.8kDa

**Accurate Molecular Mass:** 40kDa as determined by SDS-PAGE reducing conditions.

**Applications:** SDS-PAGE; WB; ELISA; IP; CoIP; EMSA; Reporter Assays; Purification; Amine Reactive Labeling.

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

## [ USAGE ]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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 ]

```
KT LCSMEEAINE RIQEVAGSLI FRAISSIGLE  
CQSVTSRGDL ATCPRGFAVT GCTCGSACGS WDVRAETTCH CQCAGMDWTG  
ARCCRVQP
```

## [ IDENTIFICATION ]

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

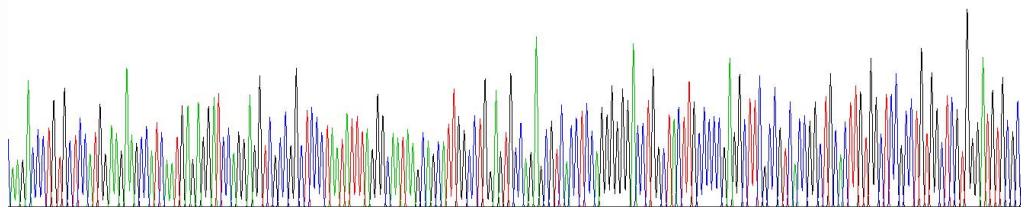


Figure 1. Gene Sequencing (extract)

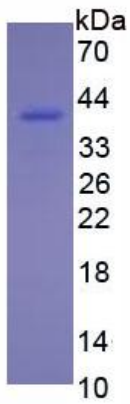


Figure 2. SDS-PAGE