

**EPA242Ra61 100µg**

**Eukaryotic Nesfatin 1 (NES1)**

**Organism Species: *Rattus norvegicus* (Rat)**

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

---

12th Edition (Revised in Aug, 2016)

**[ PROPERTIES ]**

**Source:** Eukaryotic expression

**Host:** 293F cell

**Residues:** Val25~Thr420

**Tags:** N-terminal His Tag

**Subcellular Location:** Membrane, Nucleus, Secreted, Golgi apparatus

**Purity:** > 90%

**Traits:** Freeze-dried powder

**Buffer formulation:** 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.

**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.)

**Predicted isoelectric point:** 4.7

**Predicted Molecular Mass:** 48.6kDa

**Accurate Molecular Mass:** 49kDa as determined by SDS-PAGE reducing conditions.

**[ 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 ]**

VPIDVD KTKVHNVEPV ESARIEPPDT  
 GLYYDEYLKQ VIEVLETPH FREKLQKADI EEIRSGRLSQ ELDLVSHKVR  
 TRLDLKRQE VGRLRMLIKA KLDALQDTGM NHHLLKQFE HLNHQNPDTF  
 ESKDLMLIK AATADLEQYD RTRHEEFKKY EMMKEHERRE YLKTLSSEKR  
 KEEAKFAEM KRKHEDHPKV NHPGSKDQLK EVWEETDGLD PNDFDPKTF  
 KLHDVNNDGF LDEQEALF TKELDKVYNP QNAEDDMIEM EEERLRMREH  
 VMNEIDNNKD RLVTLEEFLLR ATEKKEFLEP DSWETLDQQQ LFTEELKEY  
 ESIIAIQESE LKKKADELQK QKEELQRQHD HLEAQKQEQYQ QAVQQLEQKK  
 FQGGIAPSGP AGELKFEPHT

**[ IDENTIFICATION ]**



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.