

**MBS2009443**

**Recombinant Urocortin 3 (UCN3)**

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

***Instruction manual***

MyBioSource.com

12th Edition (Revised in Aug, 2016)

## **[ PROPERTIES ]**

**Source:** Prokaryotic expression

**Host:** *E.coli*

**Residues:** Leu22~Lys161

**Tags:** N-terminal His Tag

**Subcellular Location:** Secreted

**Purity:** > 97%

**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:** 10.2

**Predicted Molecular Mass:** 16.8kDa

**Accurate Molecular Mass:** 18kDa 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 ]**

LPHKFYKAK PIFSCNLNTAL SEAEKGQWED  
 ASLLSKRSFH YLRSRDASSG EEEEGKEKKT FPISGARGGA RGTRYRYVSQ  
 AQPRGKPRQD TAKSPHRTKF TLSLDVPTNI MNLLFNIAKA KNLRAQAAAN  
 AHLMAQIGRK K

## [ IDENTIFICATION ]

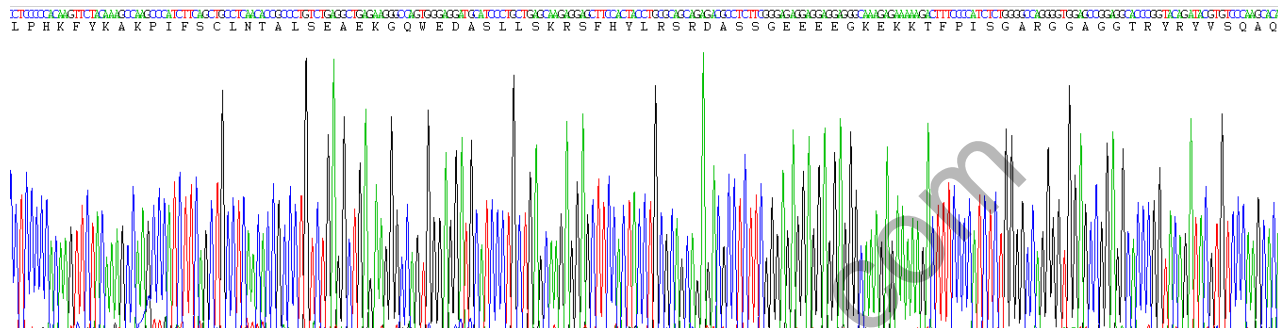


Figure. Gene Sequencing (Extract)

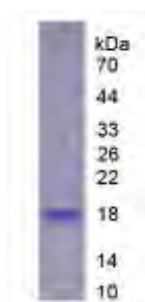


Figure. SDS-PAGE