

**RPC677Hu01 100µg**

**Recombinant Neutrophil Cytosolic Factor 1 (NCF1)**

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

***Instruction manual***

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

10th Edition (Revised in Jan, 2014)

## [ **PROPERTIES** ]

**Residues:** Met1~Val390

**Tags:** Two N-terminal Tags, His-tag and T7-tag

**Accession:** P14598

**Host:** *E. coli*

**Subcellular Location:** Cytoplasm, cytosol.

Membrane; Peripheral membrane protein;

Cytoplasmic side.

**Purity:** >90%

**Endotoxin Level:** <1.0EU per 1µg

(determined by the LAL method).

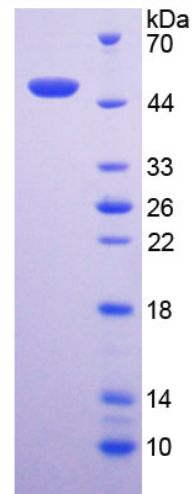
**Formulation:** Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

**Predicted isoelectric point:** 9.2

**Predicted Molecular Mass:** 48.4kDa

**Applications:** SDS-PAGE; WB; ELISA; IP.

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



15% SDS-PAGE

## [ **USAGE** ]

Reconstitute in sterile PBS, pH7.2-pH7.4.

## **[ 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 of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

## **[ SEQUENCES ]**

The sequence of the target protein is listed below.

MGDTFIRHIA LLGF EKRFVP SQHYVYMFLV KWQDLSEKVV YRRFTEIYEF HKTLKEMFPI  
EAGAINPENR IIPHL PAKW FDGQRAAENR QGTLTEYCGT LMSLPTKISR CPHLLDFFKV  
RPDDLKLP TD NQTKKPETYL MPKDGKSTAT DITGP IILQT YRAIANYEKT SGSEMALSTG  
DVVEVVEKSE SGWWFCQ MKA KRGWIPASFL EPLDSPDETE DPEPNYAGEP YVAIKAYTAV  
EGDEVSLLEG EAVEVIHKLL DGWWVIRKDD VTGYFPSMYL QKSGQDVSQA QRQIKRGAPP  
RRSSIRNAHS IHQRSRKRLS QDAYRRNSVR FLQRRRRQAR PGPQSPG SPL  
EEERQTQRSK PQPAVPPRPS ADLILNRCSE STKRKLASAV