

RPA560Po01 50µg Recombinant Epidermal Growth Factor (EGF) Organism Species: *Sus scrofa; Porcine (Pig) Instruction manual* 

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

# Coud-Clone Corp.

## [PROPERTIES]

Source: Prokaryotic expression

Host: E.coli

Residues: Ala45~His275

Tags: N-terminal His Tag

Subcellular Location: Membrane

**Purity:** > 97%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and

Proclin300.

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: 5.8

Predicted Molecular Mass: 33.1kDa

Accurate Molecular Mass: 33kDa as determined by SDS-PAGE reducing conditions.

#### [<u>USAGE</u>]

Reconstitute in 10mM PBS (pH7.4) 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.

## [<u>SEQUENCE</u>]

# Cond-Clone Corp.

APFLIF SHGNSIFRID LEGTNHEQLV ADAGISVLMD FHYNEERIYW VDLERQLLQR VFLNGTRQEK VCNLEKNVSG MAINWINEEL IWSNQQEGTI TVTDMKGNNS RVLLSALKYP ANVAVDPVER LMFWSSVVAG SLHRADVTGV EVRLLLETSE EIAAVSLDVL DKRLFWIQYN REGGSSRICS CDYDGGSVHF SKHLTQHNVF AMSLFGDHIF YSTWKKKTIW VANKH

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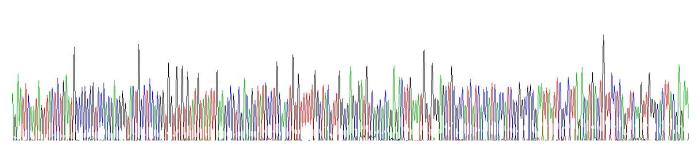


Figure . Gene Sequencing (extract)

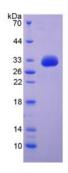


Figure. SDS-PAGE

## [<u>IMPORTANT NOTE</u>]

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.