

RPB673Ra01 50µg Recombinant Insulin Like Growth Factor Binding Protein 7 (IGFBP7) Organism Species: *Rattus norvegicus (Rat)* 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: Lys88~Leu281 **Tags:** N-terminal His Tag Subcellular Location: Secreted **Purity:** > 97% Traits: Freeze-dried powder Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 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: 9.3 Predicted Molecular Mass: 24.3kDa Accurate Molecular Mass: 27kDa 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.

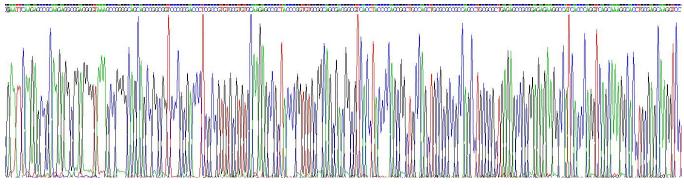
**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

## Cond-Clone Corp.

## [SEQUENCE]

KSR KRRKGKAGAA AGGPATLAVC VCKSRYPVCG SDGVTYPSGC QLRAASLRAE SRGEKAITQV SKGTCEQGPS IVTPPKDIWN ITGAKVYLSC EVIGIPTPVL IWNKVKRDHS GVQRTELLPG DRENLAIQTR GGPEKHEVTG WVLVSPLSKE DTGEYECHAS NSQGQASASA KITVVDAIHE IPVKKGEGAQ L

#### [IDENTIFICATION]



#### Figure . Gene Sequencing (extract)

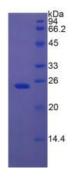


Figure. SDS-PAGE

#### [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.