# Recombinant Insulin Like Growth Factor Binding Protein 4 (IGFBP4) Instruction Manual

# SIPA690Ra01

#### Rattus norvegicus (Rat)

**Source** Prokaryotic expression

**Host** E.coli

Endotoxin Level <1.0EU per 1µg (determined by the LAL method)

Subcellular LocationSecretedPredicted Molecular Mass27.0kDa

Accurate Molecular Mass 33kDa(Analysis of differences refer to the manual)

**Residues & Tags** Asp22~Glu254 with N-terminal His Tag

Buffer Formulation 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA,

1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

**Traits** Freeze-dried powder

Purity > 95% Isoelectric Point 7.0

**Applications** Positive Control; Immunogen; SDS-PAGE; WB.

## **SEQUENCE**

DEAIHCPPC SEEKLARCRP PVGCEELVRE
PGCGCCATCA LGLGMPCGVY TPRCGSGMRC YPPRGVEKPL RTLMHGQGVC
TELSEIEAIQ ESLQTSDKDE SEHPNNSFNP CSAHDHRCLQ KHMAKVRDRS
KMKVVGTPRE EPRPVPQGSC QSELHRALER LAASQSRTHE DLFIIPIPNC
DRNGNFHPKQ CHPALDGQRG KCWCVDRKTG VKLPGGLEPK GELDCHQLAD
SLOE

#### **USAGE**

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

#### **STORAGE**

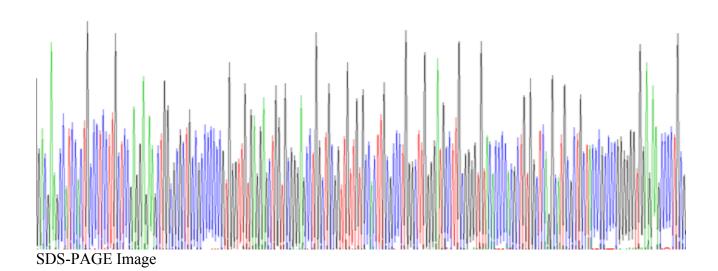
Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

## **STABILITY**

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.

## **Image**





# [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.