

Eukaryotic Insulin Like Growth Factor Binding Protein 1 (IGFBP1) Instruction Manual

SFPA492Ra61

Rattus norvegicus (Rat)

Source	Eukaryotic expression
Host	293F Cell
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	31.3kDa
Accurate Molecular Mass	33kDa(Analysis of differences refer to the manual)
Residues & Tags	Ala26~Asn272 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	5.6
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

APQPW HCAPCTAERL ELCPPVPASC
PEISRPAGCG CCPTCALPLG AACGVATARC AQGLSCRALP GEPRPLHALT
RGQGACVLEP AAPATSSLSG SQHEEAKAAV ASEDELAESP EMTEEQLLDS
FHLMAPSRED QPILWNAIST YSSMRAREIT DLKKWKEPCQ RELYKVLRL
AAAQQKAGDE IYKFYLPNCN KNGFYHSKQC ETSLDGEAGL CWCVYPWSGK
KIPGSLETRG DPNCHQYFNV QN

USAGE

Reconstitute in 10mM PBS (pH7.4) 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

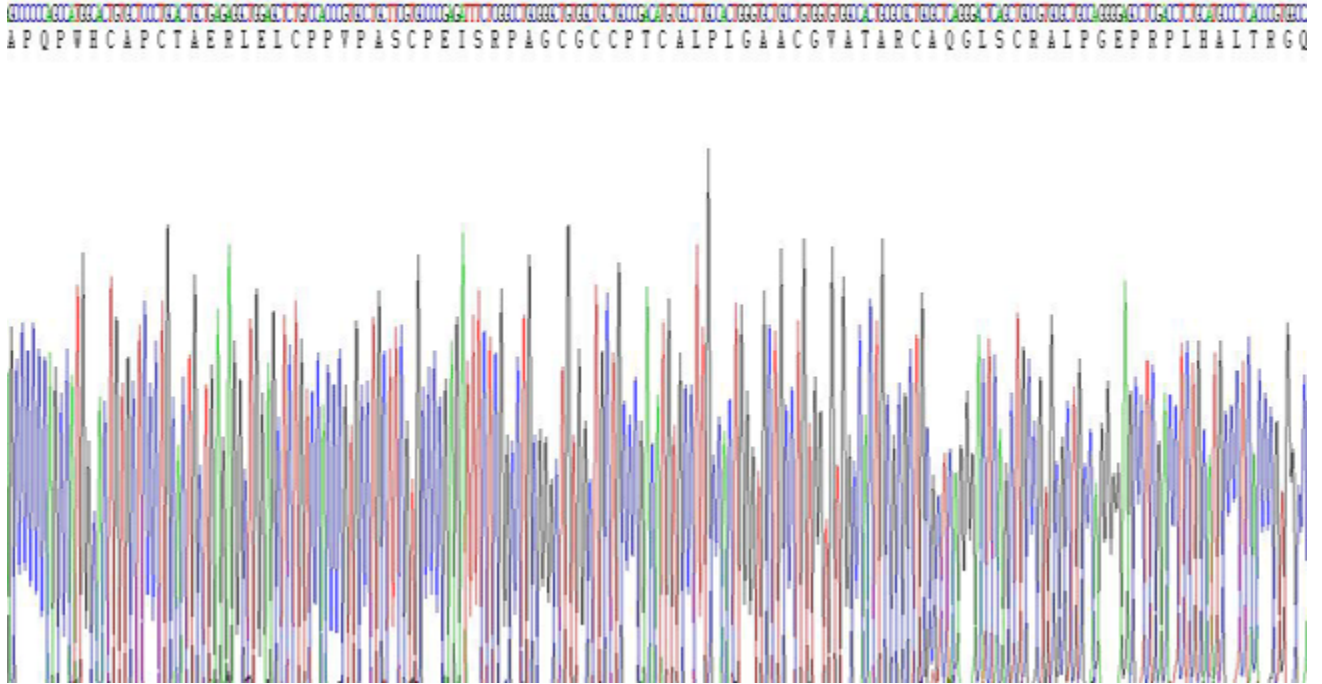


Figure. SDS-PAGE

[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.