

Eukaryotic Insulin Like Growth Factor 1 (IGF1) Instruction Manual

SFPA031Hu62

Homo sapiens (Human)

Source	Eukaryotic expression
Host	293F cell
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	38.7kDa
Accurate Molecular Mass	50kDa(Analysis of differences refer to the manual)
Residues & Tags	Gly49~Ala118 with N-terminal His Tag and C-terminal Fc Region of Human IgG1
Buffer Formulation	PBS, pH7.4, containing 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	7.7
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

ETLCGAELVD ALQFVCGDRG FYFNKPTGYG SSSRRAPQTG IVDECCFRSC
DLRRLEMYCA PLKPAKSA GP

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

GGGCGGAGAGTCTGGGGGTTGAGTGGGGAGTCTTCCTTCGTTGGGGAGGGGTTTTATTGAGAGCCCGGGGTTGGTTCGGGCTGGGGGCGCTCGAGGCTCTGGAGGCTCTCTTCGGAGTGGTCTTAGGGGTTGGAGTGTATGGCCCGCTCGAGCTGGAGTCACT
G P E T L C G A E L V D A L Q F V C G D R G F I F H K P T G Y G S S S R R A P Q T G I V D E C C F R S C D L R R L E M Y C A P L K P A E S A

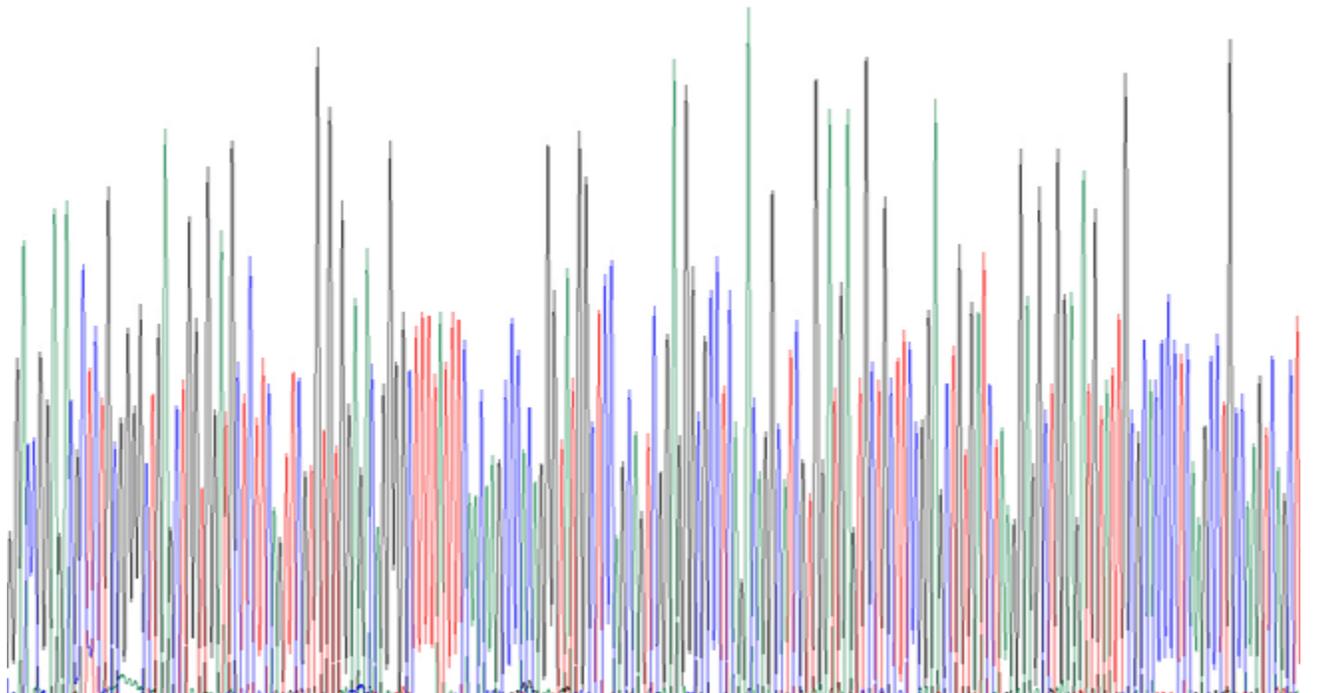


Figure. SDS-PAGE

[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.