

## Eukaryotic Insulin Like Growth Factor 1 (IGF1)

Catalog No.: TP04788

50µg

### Sequence Information

**Species:** Human

**Gene ID:**3479

**Swiss Prot:**P05019

**Synonyms:**IGFI; IGF1A; IBP1; MGF;

Somatomedin C; Mechano Growth

Gactor

**Residues:**Gly49-Ala118

GPETLCGAELVDALQFVCGDRGFYFNKPTGYGSSRRRAPQTGIVDECCFRSCDL

RRLEMYCAPLKPAKSA

### Product Information

**Source:** Eukaryotic expression.

**Host:** 293F cell

**Tags:**N-terminal His Tag

**Subcellular Location:**Secreted.

**Purity:** >95%

**Traits:** Freeze-dried powder

**Buffer formulation:**PBS, pH7.4, containing 0.1% 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:** 7.9

**Predicted Molecular Mass:** 9.3kDa

**Accurate Molecular Mass:** 14kDa as determined by SDS-PAGE reducing conditions.

### [ USAGE ]

Reconstitute in ddH<sub>2</sub>O to a concentration of 0.1-0.5 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

