# **Human IGF-1 / IGF-I / IGF1 recombinant protein**

Catalog Number: 503190



#### **General Information**

### Gene Name Synonym

Mechano growth factor; Somatomedin-C

#### **Protein Construction**

A DNA sequence encoding the human IGF1 (NP\_001104754.1) (Gly49-Ala118) was expressed.

### **Organism**

Human

### **Expression Host**

Yeast

# QC Testing

# **Purity**

> 95 % as determined by SDS-PAGE

#### Endotoxin

Please contact us for more information.

# **Stability**

Samples are stable for up to twelve months from date of receipt at -70°C

# **Predicted N terminal**

**Gly 49** 

#### Molecular Mass

The recombinant human IGF1 consists 70 amino acids and predicts a molecular mass of 7.7 kDa.

#### **Formulation**

Lyophilized from sterile PBS,pH 7.4.

- 1. 5 % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

# **Usage Guide**

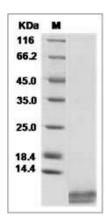
# **Storage**

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

#### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

#### **SDS-PAGE**



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