Cat. No. PME101330



PRODUCT INFORMATION

IGF1 **Target**

Synonyms IGF;MGF;IGFI;IGF-I

Recombinant Human IGF1 Protein with N-terminal **Description**

human Fc tag

Delivery In Stock **Uniprot ID** P05019 **Expression Host HEK293**

Tag N-Human Fc Tag

Molecular

Background

hFc(Glu99-Ala330) IGF1(Gly49-Ala118) Characterization

The protein has a predicted molecular mass of 33.8 kDa after removal of the signal peptide. The

Molecular Weight apparent molecular mass of hFc-IGF1 is

approximately 35-55 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

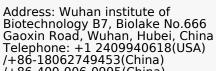
The protein encoded by this gene is similar to insulin in function and structure and is a member of a family of proteins involved in mediating growth and development. The encoded protein is processed from a precursor, bound by a specific receptor, and secreted. Defects in this gene are a cause of insulin-like growth factor I deficiency. Alternative splicing results in multiple transcript

variants encoding different isoforms that may undergo similar processing to generate mature protein. [provided by RefSeq, Sep 2015]

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Usage Research use only

Unconjugated Conjugate



/+86-400-006-0995(China)





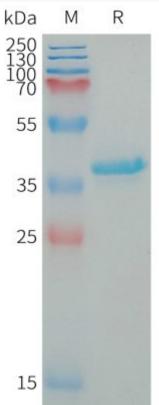


Figure 1.Human IGF1 Protein, hFc Tag on SDS-PAGE under reducing condition.

