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32-18310: Human IGF1 Protein, hFc Tag

Uniprot ID : P05019
Alternative Name : IGF;MGF;IGFI;IGF-I

Description

Description : Recombinant Human IGF1 Protein with N-terminal human Fc tag
Background : 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.
Molecular Characterization: mass of 33.8 kDa after removal of the signal peptide. The apparent molecular mass of hFc-IGF1 is approximately 35-55 kDa due to glycosylation.
Tag :N-Human Fc Tag

Product Info

Amount :	50 μg / 100 μg
Purification :	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	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 at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

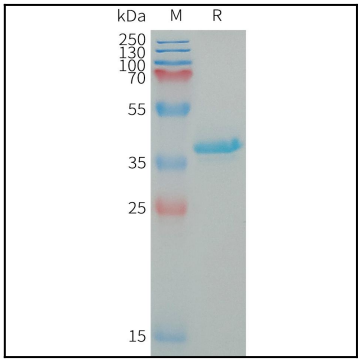


Figure 1.Human IGF1 Protein, hFc Tag on SDS-PAGE under reducing condition.

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