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32-17816: Recombinant Human IGFBP7 Protein, hFc Tag

Uniprot ID : Q16270
Alternative Name : IBP-7, TAF, IGFBP-rP1, MAC25 protein

Description

Molecular Characterization: hFc(Glu99-Ala330) IGFBP7(Asp30-Leu282)
Molecular weight: The protein has a predicted molecular mass of 52.3 kDa after removal of the signal peptide. The apparent molecular mass of hFc-IGFBP7 is approximately 55-70 kDa due to glycosylation.
Description: Recombinant human IGFBP7 Protein with N-terminal Human Fc tag
This gene encodes a member of the insulin-like growth factor (IGF)-binding protein (IGFBP) family. IGFBPs bind IGFs with high affinity, and regulate IGF availability in body fluids and tissues and modulate IGF binding to its receptors. This protein binds IGF-I and IGF-II with relatively low affinity, and belongs to a subfamily of low-affinity IGFBPs. It also stimulates prostacyclin production and cell adhesion. Alternatively spliced transcript variants encoding different isoforms have been described for this gene, and one variant has been associated with retinal arterial macroaneurysm (PMID: 21835307).

Product Info

Amount :	100 µg / 50 µg
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.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.