

HUMAN IGFBP7 PROTEIN, HFC TAG

货号: 11492

产品全名: 人 IGFBP7 蛋白

规格: 10/50/100 µg

基因符号 IBP-7;TAF;IGFBP-rP1;MAC25 蛋白

目标蛋白: IGFBP7

UNIPROT ID: Q16270

描述: Recombinant human IGFBP7 Protein with N-terminal Human Fc tag

背景: 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). [provided by RefSeq, Dec 2011]

物种/宿主: HEK293

分子量: 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.

分子特征: hFc(Glu99-Ala330) IGFBP7(Asp30-Leu282)

纯化: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

储存和运输: 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.

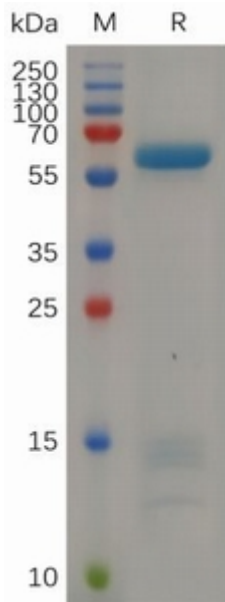


Figure 1. Human IGFBP7, N-hFc Tag on SDS-PAGE under reducing condition.