

HUMAN IGFBP-1 (C-6HIS) PROTEIN

目录: 12095

产品名称: Human IGFBP-1 (C-6His) Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: Insulin-like growth factor-binding protein 1;IBP-1;IGF-binding protein 1;IGFBP-1;Placental protein 12;PP12

Target: IGFBP-1

UNIPROT ID: P08833

描述: Recombinant Human Insulin-like Growth Factor-binding Protein 1 is produced by our Mammalian expression system and the target gene encoding Ala26-Asn259 is expressed with a 6His tag at the C-terminus.

背景: Insulin-like growth factor-binding protein 1 (IGFBP1) is encoded by 259 amino acid (aa) with 25 aa residue signal peptide that is processed to generate the 234 aa residue mature protein. IGF-binding proteins prolong the half-life of the IGFs and have been shown to either inhibit or stimulate the growth promoting effects of the IGFs on cell culture. They alter the interaction of IGFs with their cell surface receptors. Promotes cell migration. Regulation of Insulin-like Growth Factor (IGF) transport and uptake by Insulin-like Growth Factor Binding Proteins (IGFBPs).

Species/Host: HEK293

Molecular Weight: 26.1 KDa

Molecular Characterization: Not available

纯化:: Greater than 95% as determined by reducing SDS-PAGE.

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.

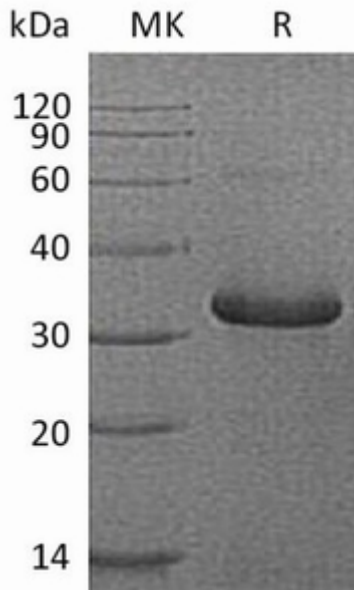


Figure 1. Greater than 95% as determined by reducing SDS-PAGE.