

**IGFBP6, 28-240 aa, Human, His tag, E.coli**

**Cat.NO.: TP02584**

3th Edition

**Synonyms:**Insulin-like growth factor-binding protein 6, IBP6

**Description:**IGFBP6 contains 1 IGFBP N-terminal domain and 1 thyroglobulin type-1 domain. 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. Recombinant human IGFBP6 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

**Molecular Weight:**25.0 kDa (236aa), confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSRCPCGCGQGVQAGCPGGCVVEEDGGSPAEGCAEAEGCLRREGQECGVYT  
PNCAPGLQCHPPKDDEAPLRALLLGRGRCLPARAPAVAEENPKESKPQAGTARPDVNRDQQRNPGTSTTPSQ  
PNSAGVQDTEMGPCRRHLDSVLQQLQTEVYRGAQTLVYVPCDHRGFYRKRQCRSSQGQRRGPCWCVDRMGKS  
LPGSPDGNSSSCTGSSG

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.