

Product information



IGFBP6, 28-240 aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2270

Full name: Insulin-like growth factor-binding protein 6

NCBI Accession No.: NP_002169

Synonyms: IBP6

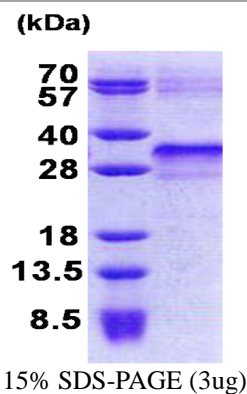
Description: IGFBP6 contains 1 IGFBP N-terminal domain and 1 thyroglobulin type-1 domain. IGF-binding proteins prolong the half-life of the IGFs and have been shown to either inhibit or stimulate the growth promoting effects of the IGFs on cell culture. They alter the interaction of IGFs with their cell 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)

Purity: > 85% by SDS - PAGE

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



Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MGSRCPGCGQ GVQAGCPGGC VEEEDGGSPA EGCAEAEGL RREGQECGVY TPNCAPGLQC HPPKDDEAPL
RALLLGRGRC LPARAPAVAE ENPKESKPQA GTARPQDVNR RDQQRNPGTS TTPSQPNSAG VQDTEMGPCR RHLDSVLQQL QTEVYRGAQT
LYVPNCDHGRG FYRKRQCRSS QGQRRGPCWC VDRMGKSLPG SPDGNGSSSC PTGSSG

General references:

Shimasaki S., *et al* (1991), *Mol. Endocrinol.* 5:938-948

Andress D.L., *et al* (1991), *Biochem. Biophys. Res. Commun.* 176:213-218(1991)

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

Immuno-Biological Laboratories, Inc. (IBL-America)
8201 Central Ave. NE, Suite P, Minneapolis, Minnesota 55432, USA

Phone: (888) 523-1246 Fax.: (763) 780-2988

Email: info@ibl-america.com Web: www.ibl-america.com