

# Human IGFBP7 Recombinant Protein



RPPB0439

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## Product Information    Protein Information

**Product SKU:**

RPPB0439

**Accession:**

Q16270

**Host:**

Escherichia Coli.

**Protein description:**

Recombinant Human IGFBP7 produced in E.coli cells is a non-glycosylated, homodimeric protein containing 2x256 amino acid chains and having a molecular mass of 26.4kDa. The IGFBP-7 is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

Insulin-like growth factor-binding protein 7, IBP-7, IGF-binding protein 7, IGFBP-7, IGFBP-rP1, MAC25 protein, PGI2-stimulating factor, Prostacyclin-stimulating factor, Tumor-derived adhesion factor, TAF, IGFBP7, MAC25, PSF, AGM, FSTL2, RAMSVPS, IGFBP-7v, IGFBPRP1.

**Formulation:**

The IGFBP7 was lyophilized from a 0.2µm filtered concentrated solution in 20mM Tris-HCl, pH 8.5 and 150mM NaCl.

**Purity:**

Greater than 97.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized IGFBP-7 in sterile 20mM AcOH (acetic Acid) not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized IGFBP7 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IGFBP-7 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.

**Amino Acid Sequence:**

SSSDTCGPCE PASCPLPPL GCLLGETRDA CGCCPMCARG EGEPGGGGA GRGYCAPGME CVKSRKRRKG  
KAGAAAGGPG VSGVCVCKSR YPVCSDGTT YPSGCQLRAA SQRAESRGEK AITQVSKGTC EQGPSIVTTP  
KDIWNVTGAQ VYLSCEVIGI PTPVLIWNKV KRGHYGVQRT ELLPGDRDNL AIQTRGGPEK HEVTGWVLVS  
PLSKEDAGEY ECHASNSQGQ ASASAKITVV DALHEIPVKK GEGAEI.