Human IGF-BP7

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.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order#	Lot#	Expiry Date
5 µg	1491.950.005		
25 µg	1491.950.025		
1 mg	1491.950.199		

Please enquire for bulk quantities and other vial sizes.

Description

IGFBP7 Human Recombinant produced in *E.Coli* is a non-glycosylated, homodimeric protein containing 2 x256 aa chains with a molecular mass of 26.4 kDa.

- **Source** *E. coli*
- **Purity** ≥ 97 % (SDS-PAGE, RP-HPLC)
- **Endotoxin Level** ≤ 0.1 ng/µg (≤ 1 EU/µg)
- **Buffer** The IGFBP7 was lyophilized from a 0.2µm filtered concentrated solution in 20mM Tris-HCl, pH 8.5 and 150mM NaCl*
- **Physical State** Sterile filtered, lyophilized

Reconstitution

We recommend a quick spin followed by reconstition in sterile 20mM AcOH (acetic Acid) to a concentration of at least 100µg/ml, this can be further diluted to other aqueous solutions.

Stability

Lyophilized Human IGFBP7 is stable at room temperature for 3 weeks,, but best stored at -20°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 we recommend to add a carrier protein (0.1 % HSA, order number: 2835.955.xyz or 2835.958.xyz, or BSA, order number: 2835.919.xyz). Please avoid repeated freeze-thaw cycles.

Amino Acid Sequence

SSSDTCGPCE PASCPPLPPL GCLLGETRDA CGCCPMCARG EGEPCGGGGA GRGYCAPGME CVKSRKRRKG KAGAAAGGPG VSGVCVCKSR YPVCGSDGTT YPSGCQLRAA SQRAESRGEK AITQVSKGTC EQGPSIVTPP KDIWNVTGAQ VYLSCEVIGI PTPVLIWNKV KRGHYGVQRT ELLPGDRDNL AIQTRGGPEK HEVTGWVLVS PLSKEDAGEY ECHASNSQGQ ASASAKITVV DALHEIPVKK GEGAEL

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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