

Recombinant Human IGFBP-3

Cat.No.:MGC165 size:5µg/50µg/500µg

Characteristics:

Source	<i>E.coli</i>
Species	Human
Tag	Tag free
Description	Human IGFBP-3 (Gly28-Lys291)
Accession#	P17936
Predicted molecular mass	~28.8 kDa. It is composed of one non-glycosylated polypeptide chain containing 264 amino acids.

Specification:

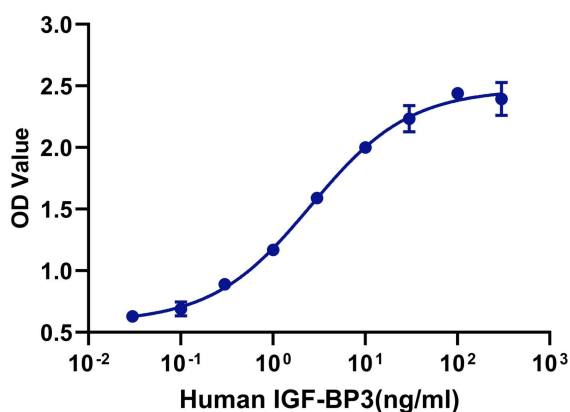
Appearance	White powder, Colorless clear liquid after reconstitution
Purity	≥95%,by SDS-PAGE(under reducing(R)&Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	< 0.1 EU/µg
Activity	The ED50 as determined by inhibiting IGF-II induced proliferation of serum free human MCF-7 cells is less than 200 ng/ml, corresponding to a specific activity of ≥ 5.0×10 ³ IU/mg in the presence of 15 ng/ml of rHuIGF-II.
Formulation	0.2 µm-filtered solution containing 20 mM PB, with 150 mM NaCl, pH 7.4.

Handling and Storage:

Reconstitution	It is recommended to redissolve in sterile deionized water. 细胞因子溶解、稀释、保存可使用即用型专用溶剂套装—PWL240（1mL无菌水+10mL稀释液）
Shipping	Wet ice (seasonal)
Storage & Stability	36 months at -20℃ to -80℃ in lyophilized state 6 months at -20℃ to -80℃ under sterile conditions after reconstitution 7-10 days at 2℃ to 8℃ under sterile conditions after reconstitution Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Data:

Bioactivity



The ED₅₀ as determined by inhibiting IGF-II induced proliferation of serum free human MCF-7 cells is less than 200 ng/ml, corresponding to a specific activity of $\geq 5.0 \times 10^3$ IU/mg in the presence of 15 ng/ml of rHuIGF-II.