

Recombinant Human IGF-2

Cat. No.:MGC059 size : 10 μ g / 50 μ g / 1mg

Characteristics:

Source	HEK293
Description	Human IGF-II(Ala25-Glu91) Accession # P01344.1
Predicted molecular mass	7.5kDa

Specification:

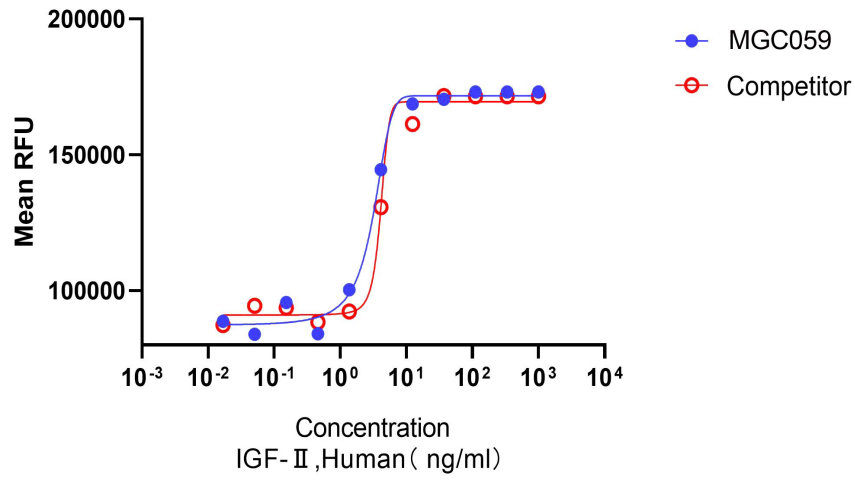
Appearance	White powder,Colorless clear liquid after reconstitution
Purity	\geq 95%, by SDS-PAGE (under conditions, visualized by Coomassie staining)
Endotoxin	\leq 0.01EU/ μ g by the LAL method
Activity	Measured in a serum-free cell proliferation assay using MCF-7 human breast cancer cells. The ED ₅₀ for this effect is \leq 50 ng/mL.
Formulation	Lyophilized from a 0.22 μ m filtered solution containing TFA,ACN,5% Trehalose.

Handling and Storage:

Reconstitution	It is recommended to redissolve in 4mM HCl.
Shipping	Wet ice (seasonal)
Storage & Stability	36 months at -20°C to -80°C in lyophilized state 6 months at -20°C to -80°C under sterile conditions after reconstitution 7-10 days at 2°C to 8°C under sterile conditions after reconstitution Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Data:

Bioactivity



Measured in a serum-free cell proliferation assay using MCF-7 human breast cancer cells. The ED₅₀ for this effect is ≤50 ng/mL

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