

Recombinant Human aFGF

Cat. No.:MGC002 size : 10 μ g / 50 μ g / 1mg

Characteristics:

Source	<i>E. coli</i>
Description	Human aFGF (F16-D155) Accession # NP_001127073.1
Predicted molecular mass	15.8kDa

Specification:

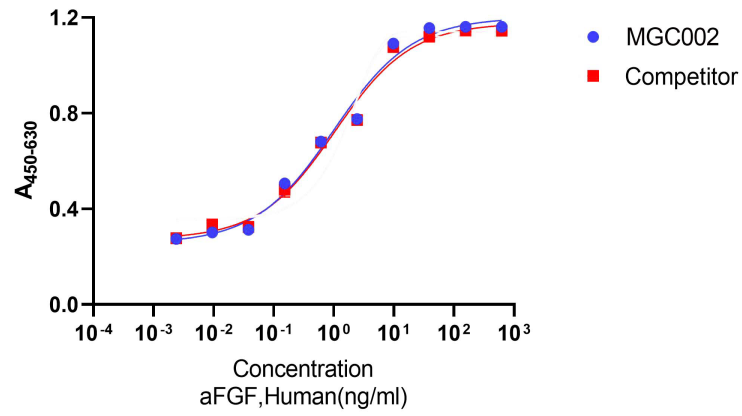
Appearance	White powder, Colorless clear liquid after reconstitution
Purity	$\geq 95\%$, by SDS-PAGE (under reducing (R)&Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	≤ 0.01 EU/ μ g by the LAL method
Activity	Measured in a cell proliferation assay using NIH3T3 mouse embryonic fibroblast Cells. The ED ₅₀ for this effect ≤ 2.0 ng/mL.
Formulation	Lyophilized from a 0.22 μ m-filtered solution containing 20mM PB, 5% Trehalose, 100mM NaCl and 0.05% Tween 80, pH 6.0

Handling and Storage:

Reconstitution	It is recommended to redissolve in sterile deionized water.
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 cell proliferation assay using NIH3T3 cells.

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