

Recombinant Human BDNF

Cat. No.:MGC004 size : 10 μ g / 50 μ g / 1mg

Characteristics:

Source	Chinese Hamster Ovary cell line
Description	Human BDNF(His129-Arg247) Accession # P23560
Predicted molecular mass	13.5 kDa

Specification:

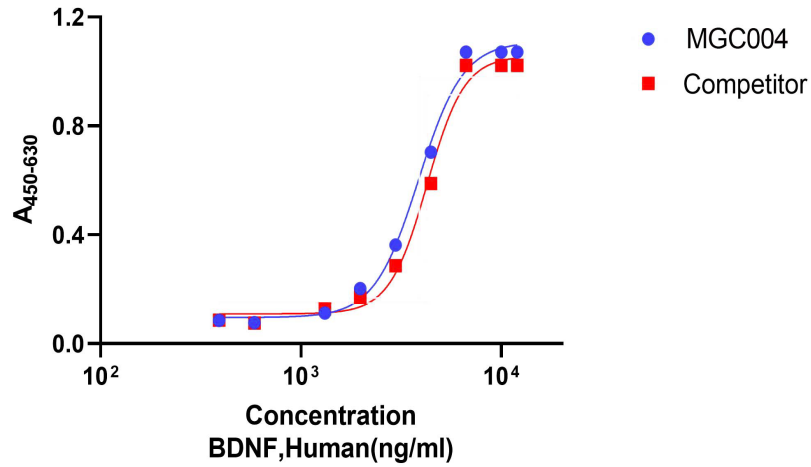
Appearance	White powder,Colorless clear liquid after reconstitution
Purity	\geq 95%, by SDS-PAGE (under reducing (R)&Non-reducing conditions,visualized by Coomassie staining)
Endotoxin	\leq 0.01EU/ μ g by the LAL method
Activity	The activity is determined by the dose-dependent proliferation of C6 cell and is typically between 0.5-1.5 μ g/mL.Corresponding to a specific Activity of 1×10^3 units/mg.
Formulation	Lyophilized from a 0.22 μ m-filtered solution containing PBS,5% mannitol and 0.01% Tween 80, pH7.4

Handling and Storage:

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

Data:

Bioactivity



Measured by its binding ability in a functional ELISA. Immobilized human BDNF can bind human TrkB.

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