Recombinant Human BDNF

Catalog Number: OM770099

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	≥95%, by SDS-PAGE (under reducing (R)&Non-reducing conditions,visualized by Coomassie staining)
Endotoxin	≤10 EU/mg by the LAL method
Activity	The activity is determined by the dose-dependent proliferation of C6 cell sand is typically between 0.5-1.5 ug/mL.Corresponding to a specific activityof 1 x 10^3 units/mg.
Formulation	Lyophilized from a 0.2 um 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	The product is shipped with blue ice
Storage & Stability	36 months at 2°C to 8°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.**