

Recombinant Human BDNF

Catalog Number: Y00201

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 and is typically between 0.5-1.5 ug/mL. Corresponding to a specific Activity of 1×10^3 units/mg.
Formulation	Lyophilized from a 0.22 um filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH7.4
Size	50 µg/vial, 1 mg/vial

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 -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.