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## Recombinant Human BDNF

**Product Number: CK00201**

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### 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 cells and is typically between 0.5-1.5 µg/mL. Corresponding to a specific activity of 1 x 10<sup>3</sup> units/mg.

**Formulation:** Lyophilized from a 0.2 µm filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH 7.4

**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 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.**