

## Recombinant Human/Mouse/Rat BDNF Protein

### 产品信息

产品名称	产品编号	规格
Recombinant Human/Mouse/Rat BDNF Protein	92129ES25	25 µg
	92129ES60	100 µg
	92129ES76	500 µg

### 产品描述

BDNF, short for Brain-Derived Neurotrophic Factor, is a protein that a crucial role in the growth, development, and survival of neurons in the brain. It is primarily produced in the hippocampus, cortex, and basal forebrain regions of the brain. BDNF is a vital protein in the brain that supports neuronal growth, survival, and synaptic plasticity.

### 性能参数

蛋白别名 (Synonyms)	BDNF, ANON2, BULN2, Abrineurin
表达系统及表达区间 (Source)	Recombinant Human/Murine/Rat BDNF Protein is expressed from E.coli without tag It contains His129-Arg247.[Accession   P23560-1]
分子量 (Molecular Weight)	The protein has a predicted MW of 13.51 kDa. The protein migrates to 15-19 kDa based on Tris-Bis PAGE result.
内毒素 (Endotoxin)	Less than 1EU per µg by the LAL method.
纯度 (Purity)	> 95% as determined by SDS-PAGE.
制剂 (Formulation)	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
复溶方法 (Reconstitution)	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

### 储存条件

The product should be stored at -25~-15°C for 1 year from date of receipt.

2-7 days, 2 ~ 8 °C under sterile conditions after reconstitution.

3-6 months, -85~-65°C under sterile conditions after reconstitution.

Recommend to aliquot the protein into smaller quantities when first used and avoid repeated freeze-thaw cycles.

### 注意事项

1. Please operate with lab coats and disposable gloves, for your safety.
2. This product is for research use only.