

# Human BDNF Recombinant Protein



RPPB0082

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## Product Information    Protein Information

**Product SKU:**

RPPB0082

**Accession:**

P23560

**Host:**

HEK293 Cells.

**Protein description:**

BDNF Human Recombinant is a single, glycosylated polypeptide chain containing 116 amino acids (19-128a.a) and having a molecular mass of 13.1kDa (calculated). BDNF is fused to a 6 a.a His tag at C-terminal.

**Appearance:**

Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

Brain-Derived Neurotrophic Factor, BDNF, MGC34632, Abrineurin, ANON2, BULN2.

**Formulation:**

BDNF filtered (0.4  $\mu$ m) and lyophilized from 0.5mg/ml in PBS.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Solubility:**

It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely.

**Stability:**

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

**Amino Acid Sequence:**

APMKEANIRG QGGLAYPGVR THGTLESVNG PKAGSRGLTS LADTFEHVIE ELLDEDQKVR PNEENNKDAD  
LYTSRVMLSS QVPLEPLLF LLEEYKNYLD AANMSMRVRR HHHHHH.