

# Human proBDNF Recombinant Protein



RPPB0083

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## Product Information    Protein Information

**Product SKU:**

RPPB0083

**Accession:**

P23560

**Host:**

Escherichia Coli.

**Protein description:**

proBDNF Human Recombinant produced in E.Coli is a single, non-glycosylated, non-covalently linked homodimer with each polypeptide chain containing 229 amino acids and having a molecular mass of 52kDa. The proBDNF is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

proBDNF, Precursor Form Brain-derived Neurotrophic Factor.

**Formulation:**

proBDNF was lyophilized from a concentrated (0.5mg/ml) solution in 20mM PB, pH 8.0 and 500mM NaCl.

**Purity:**

Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized proBDNF in sterile 18M-cm H<sub>2</sub>O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized proBDNF although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution proBDNF should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

**Amino Acid Sequence:**

The sequence of the first five N-terminal amino acids was determined and was found to be Met-Ala-Pro-Met-Lys.