

# Human BDNF Recombinant Protein



RPPB0081

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## Product Information   Protein Information

**Product SKU:**

RPPB0081

**Accession:**

P23560

**Host:**

Escherichia Coli.

**Protein description:**

BDNF Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 140 amino acids (129-247 a.a) and having a molecular mass of 15.8kDa. BDNF is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

Brain-Derived Neurotrophic Factor, Neurotrophin, Abineurin, ANON2, BULN2, Brain-derived neurotrophic factor.

**Formulation:**

BDNF protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol.

**Purity:**

Greater than 85% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SSGLVPRGSH MHSDPARRGE LSVCDISEW VTAADKKTAV DMSGGTVTVL EKVPVSKGQL  
KQYFYETKCN PMGYTKEGCR GIDKRHWNSQ CRTTQSYVRA LTMDSKKRIG WRFIRIDTSC VCTLTIKRGR.