

Brain-Derived Neurotrophic Factor Human Recombinant, His Tag

Item Number	rAP-2652
Synonyms	Brain-Derived Neurotrophic Factor, Neurotrophin, Abrineurin, ANON2, BULN2, Brain-derived neurotrophic factor.
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.
Uniprot Accession Number	P23560
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MHSDPARRGE LSVCDSEIW VTAADKKTAV DMSGGTVTVL EKVPVSKGQL KQYFYETKCN PMGYTKEGCR GIDKRHWNSQ CRTTQSYVRA LTMDSKKRIG WRFIRIDTSC VCTLTIKRGR.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	BDNF protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol. Greater than 85% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**