

BDNF, human recombinant

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|---------------------------|--|--------|
| CATALOG #: | 4004-10 | 10 µg |
| | 4004-50 | 50 µg |
| | 4004-250 | 250 µg |
| | 4004-1000 | 1 mg |
| ALTERNATIVE NAMES: | Brain-derived neurotrophic factor, Abreineurin | |
| SOURCE: | <i>E. coli</i> | |
| PURITY: | >98% by SDS-PAGE and HPLC analyses | |
| MOL. WEIGHT: | 27.0 kDa | |
| FORM: | Sterile filtered and lyophilized with no additives | |
| ACCESSION NO: | P23560 | |
| ENDOTOXIN LEVEL: | <0.1 ng/µg (1 EU/µg) | |

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in PBS to a concentration of 0.1-1.0 mg/ml. The solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.

STORAGE CONDITIONS:

The lyophilized BDNF is best-stored desiccated below 0°C. Reconstituted BDNF should be stored at working aliquots at -20°C.

DESCRIPTION:

Human Brain-Derived Neurotrophic Factor (BDGF) is a potent neurotrophic factor that supports the growth and survivability of nerve and glial cells. The active form of BDNF is a 27.0 kDa dimer, formed by two identical 119 amino acid subunits held together by strong hydrophobic interactions.

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

- BDNF Antibody (**Cat. No. 5004-100**)
- BDNF Antibody (CT) (**Cat. No. 6725-100**)
- ProBDNF, human recombinant (**Cat. No. 4723-10, -50, -1000**)
- TrkB Antibody (**Cat. No. 3593-100**)
- BDNF (human) ELISA Kit (**Cat. No. K4788-100**)