

BDNF, human recombinant

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**)