

BDNF, human recombinant

Catalogue #	P-105-100
Synonyms:	Brain-derived neurotrophic factor, Abrineurin
Uniprot ID:	P23560
Source:	Human
MW:	Mature BDNF, Approximately 13.5 kDa, a single non-glycosylated polypeptide chain containing 119 amino acids
Host:	CHO-based cell line (expressed by QMCF Technology)
Purification:	Purified by ion-exchange chromatography and gel-filtration from serum-free CHO growth media. Protein is sterile-filtrated through 0.22 µm filter
Concentration:	1 mg/ml
Buffer:	10mM Na-acetate pH 5, 150 mM NaCl
Endotoxine:	Less than 1EU/mg of protein as determined by LAL method
QC:	Coomassie-stained SDS-PAGE analysis
Related Products:	Monoclonal antibodies against human BDNF.
Shipping:	Shipped on dry ice
Storage:	Store at -70°C upon receipt. Recommended to aliquot into smaller quantities. Avoid repeated freeze-thaw cycles
Background:	BDNF promotes the survival and differentiation of selected neuronal populations of the peripheral and central nervous systems. Participates in axonal growth, pathfinding and in the modulation of dendritic growth and morphology. Major regulator of synaptic transmission and plasticity at adult synapses in many regions of the CNS. The versatility of BDNF is emphasized by its contribution to a range of adaptive neuronal responses including long-term potentiation (LTP),

long-term depression (LTD), certain forms of short-term synaptic plasticity, as well as homeostatic regulation of intrinsic neuronal excitability (UniProt)

Custom price

Custom quantity - ask quotation

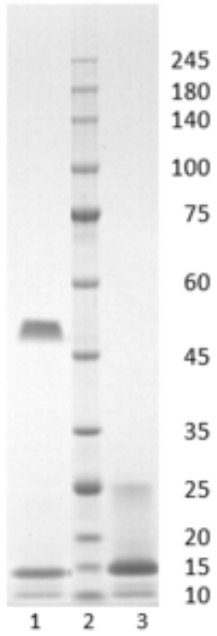


Figure 1. Simply Blue Safe Stain SDS-PAGE analysis of human BDNF. **Lane 1.** 0.8 μ g of BDNF (-DTT); **Lane 2.** Protein size marker **Lane 3.** 0.8 μ g of BDNF (+DTT).