

## Recombinant rat Brain-derived neurotrophic factor

Catalog No: #AP72324



Package Size: #AP72324-1 20ug #AP72324-2 100ug #AP72324-3 1mg

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## Description

Product Name	Recombinant rat Brain-derived neurotrophic factor
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:136-243aaSequence Info:Partial
Accession No.	P23363
Uniprot	P23363
GeneID	24225;
Calculated MW	16.3 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	RRGELSVCDISEWVTAADKKTAVDMSGGTVTVLEKVPVSKGQLKQFYETKCNPMGYTKEGCRGIDKRHW NSQCRTTQSYVRALTMDSKCRIGWRFIRIDTSCVCTL
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.  Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

During development, 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 .

## References

Multiple promoters direct tissue-specific expression of the rat BDNF gene.Timmusk T., Palm K., Metsis M., Reintam T., Palme V., Saarma M., Persson H.Neuron 10:475-489(1993)Research Topic:Others

Note: This product is for in vitro research use only