

Brain-derived neurotrophic factor (BDNF) Recombinant Protein | BDNF recombinant protein

Recombinant Dog Brain-derived neurotrophic factor (BDNF)

CATALOG #
AAA117439

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Brain-derived neurotrophic factor (BDNF); Recombinant Dog Brain-derived neurotrophic factor (BDNF); BDNF recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	129-247aa; Full Length of Mature Protein
Sequence	HSDPARRGEL SVCDSISEWV TAADKKTAVD MSGGTVTVLE KVPVSKGQLK QYFYETKCNP MGYTKEGCRG IDKRHWNSQC RTTQSYVRAL TMDSKKRIGW RFIRIDTSCV CTLTIKRGR
Species	Canis familiaris (Dog) (Canis lupus familiaris)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for BDNF recombinant protein	This protein is a member of the nerve growth factor family. It is induced by cortical neurons, and is necessary for survival of striatal neurons in the brain. Expression of this gene is reduced in both Alzheimer s and Huntington disease patients. This gene may play a role in the regulation of stress response and in the biology of mood disorders. Multiple transcript variants encoding distinct isoforms have been described for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	55742819
NCBI GeneID	403461
NCBI Accession #	NP_001002975.1
NCBI GenBank Nucleotide #	NM_001002975.1
UniProt Accession #	Q7YRB4; Q9BFH2
Molecular Weight	27,780 Da
NCBI Official Full Name	brain-derived neurotrophic factor
NCBI Official Symbol	BDNF
NCBI Protein Information	brain-derived neurotrophic factor
UniProt Protein Name	Brain-derived neurotrophic factor
UniProt Gene Name	BDNF

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/bdnf-recombinant-protein-e-coli/117439>