[R112A, R113G]Brain derived neurotrophic factor precursor (mouse), (recombinant)

Trk ligand

BDNF is a neurotrophic factor expressed by proteolytic cleavage of its precursor, proBDNF. The precursor form was thought to be important for the correct folding, secretion and trafficking of the mature protein. Processes such as neuronal process retraction and neuronal apoptosis were thought to be mediated by the binding of BDNF to p75. The finding that proBDNF, and not mature BDNF, is the preferred ligand for p756 has led to a reexamination of the biological roles of the two forms. The amino acid sequence of proBDNF-mut has been changed to prevent the proteolytic cleavage which results in the formation of mature BDNF.

Ordering Information

Order Online »

BML-SE548-0005	5µg

Manuals, SDS & CofA

View Online »

Handling & Storage

Shipping Blue Ice

Regulatory Status RUO - Research Use Only

Product Details

Alternative Name pro-BDNF

Application Notes Can be used as growth and differentiation factor for neuronal cultures and for receptor binding studies.

Purity ≥99%

Source Produced in *E. coli*.

UniProt ID P21237

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