

Product Information

Recombinant Mouse Bdnf, None tagged

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Catalog#	MK0044M
Product Name	Recombinant Mouse Bdnf, None tagged
Product Overview	Recombinant Mouse Bdnf (P21237) mature form (Met1-Arg249), fused with no tag, was produced in CHO Stable Cells.
Description	BDNF belongs to the nerve growth factor family. It is induced by cortical neurons, and is highly expressed in hippocampus, amygdala, cerebral cortex and cerebellum. It also can be detected in heart, lung, skeletal muscle, testis, prostate and placenta. During development, BDNF promotes the survival and differentiation of selected neuronal populations of the peripheral and central nervous systems. It participates in axonal growth, pathfinding and in the modulation of dendritic growth and morphology. It funct
Source	CHO Stable Cells
Species	Mouse
Tag	His
Formulation	Lyophilized from a 0.2µm filtered solution of PBS.
Storage	Store under sterile conditions at -20°C to -80°C. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.
Molecular Mass	The recombinant mouse BDNF consists of 249 amino acids and predicts a molecular mass of 28.1 KDa. It migrates as an approximately 13 KDa band in SDS-PAGE under reducing conditions.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Endotoxin	Less than 1.0 EU per µg as determined by the LAL method.
Notes	Research Use Only. Not for use in clinical procedures. Avoid repeated freeze-thaw cycles.