

Bdnf Knockout cell line(NIH/3T3)

Catalog Number: KO01177

Product Information	
Product Name	Bdnf Knockout cell line(NIH/3T3)
specification	1*10 ⁶
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Fibrous and adherent
Passage ratio	1:3~1:5
species	Mouse
Gene	Bdnf
Gene ID	12064
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90%DMEM+10%FBS
Parental Cell Line	NIH/3T3
Quality Control	Genotype: Bdnf Knockout cell line(NIH/3T3) >95% viability before freezing. All cells were tested and found to be free of bacterial, viruses,mycoplasma and other toxins.

Gene Information	
Gene Official Full Name	brain derived neurotrophic factorprovided by MGI
Gene Description	The protein encoded by this gene is a member of the nerve growth factor family. It is involved in the growth, differentiation and survival of specific types of developing neurons both in the central nervous system (CNS) and the peripheral nervous system. It is also involved in regulating synaptic plasticity in the CNS. Expression of a similar gene in human is reduced in both Alzheimer's and Huntington disease patients. Alternative splicing results in multiple transcript variants encoding different isoforms that may undergo similar processing to generate mature protein. [provided by RefSeq, Oct 2015]
Expression	Biased expression in cortex adult (RPKM 1.7), frontal lobe adult (RPKM 1.4) and 12 other tissues See more