

## 32-12093: Mouse Glial Derived Neurotrophic Factor (AF)

Gene :GdnfGene ID :14573Uniprot ID :P48540Alternative Name :Astrocyte-derived trophic factor

## Description

**Source:** Genetically modified E.coli.

**Predicted MW:** Dimer, 15.1/30.2 kDa (135/270 aa)

Glial cell-derived neurotrophic factor (GDNF) is a neurotrophic factor that signals through a multicomponent receptor system to activate receptor tyrosine kinase RET signaling. GDNF promotes dopamine uptake, prevents motor neuron apoptosis, and supports the survival and differentiation of neurons.

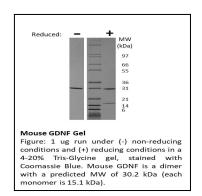
## **Product Info**

Amount : Purification :	10 μg / 100 μg Reducing and Non-Reducing SDS PAGE at >= 95%
Content :	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA) Sterile water at 0.1 mg/mL
Storage condition : Amino Acid :	Store at -20°C MSPDKQAAL PRRENRNRQAA AASPENSRGK GRRGQRGKNR GCVLTAIHLN VTDLGLGYET KEELIFRYCS GSCESAETMY DKILKNLSRS RRLTSDKVGQ ACCRPVAFDD DLSFLDDNLV YHILRKHSAK RCGCI

## **Application Note**

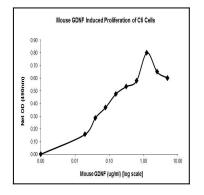
**Endotoxin:** Less than 0.1 ng/ $\tilde{A}$   $\hat{A}\mu g$  (1 IEU/ $\tilde{A}$   $\hat{A}\mu g$ ) as determined by LAL test.

Centrifuge vial before opening, Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80 $\tilde{A}$  $\square$  $\hat{A}$ °C and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vialed to compensate for this loss.  $\tilde{A}$  $\square$  $\hat{A}$  $\tilde{A}$  $\square$  $\hat{A}$ 





9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982 Email: info@abeomics.com



For Research Use Only. Not for use in diagnostic/therapeutics procedures.