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

 Gene :
 Gdnf

 Gene ID :
 14573

 Uniprot ID :
 P48540

Alternative 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 :**  $10 \mu g / 100 \mu g$ 

**Purification:** Reducing and Non-Reducing SDS PAGE at >= 95%

Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic

**Content:** Acid (TFA)

Sterile water at 0.1 mg/mL

**Storage condition :** Store at -20°C

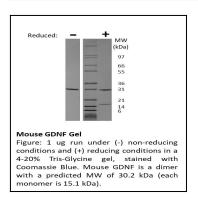
Amino Acid: MSPDKQAAL PRRENRNRQAA AASPENSRGK GRRGQRGKNR GCVLTAIHLN VTDLGLGYET KEELIFRYCS

GSCESAETMY DKILKNLSRS RRLTSDKVGQ ACCRPVAFDD DLSFLDDNLV YHILRKHSAK RCGCI

## **Application Note**

**Endotoxin:** Less than 0.1 ng/ $\tilde{A} \square \hat{A} \mu g$  (1 IEU/ $\tilde{A} \square \hat{A} \mu g$ ) 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 $\mbox{\sc A}$  $\mbox{\sc A}$  $\mbox{\sc A}$  $\mbox{\sc A}$  $\mbox{\sc A}$  $\mbox{\sc A}$  $\mbox{\sc A}$ 





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