

Mouse GDNF Protein

Catalog	Unit Size
TBP0236-5	5 µg
TBP0236-10	10 µg

DESCRIPTION

Glial-Derived Neurotrophic Factor (GDNF), also known as ATF-1, is a neurotrophic factor belonging to the TGF- β family that supports neuronal growth and survival. It is expressed in both the central nervous system and non-CNS tissues. In models of Parkinson's disease, GDNF improves motor symptoms such as bradykinesia, rigidity, and postural instability.

Synonyms: Glial-Derived Neurotrophic Factor; ATF-1; ATF2; HFB1-GDNF; HSCR3

SPECIFICATIONS

Purity: >95%

Endotoxin: <0.2 EU per 1 µg by gel clotting method.

Apparent Molecular Weight: 17~22 kDa

Formulation: Lyophilized after extensive dialysis against PBS.

Reconstitution: It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in ddH₂O or PBS up to 100 µg/ml.

Storage: Upon receiving, this product remains stable for 6 months at lower than -70°C. Upon reconstitution, the product should be stable for 1 week at 4°C or for 3 months at -20°C. For long term storage it is recommended that a carrier protein (example 0.1% BSA) be added. Avoid repeated freeze-thaw cycles.

Research use only