Datasheet for ABIN6700939

GDNF Protein

1 Image

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Overview

Quantity:	10 µg
Target:	GDNF
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Characteristics:	ATF-1
Purification:	Glial Derived Neurotrophic Factor purity was determined to be greater than 98% as determined by analysis by reducing and non-reducing SDS-pAGE.
Endotoxin Level:	Low endotoxin

Target Details

Target:	GDNF
Alternative Name:	Glial Derived NTF (GDNF Products)
UniProt:	P48540
Pathways:	RTK Signaling, Synaptic Membrane, Tube Formation, Autophagy, Smooth Muscle Cell Migration

Application Details

Application Notes:	Application Note: Glial Derived Neurotrophic Factor Recombinant Protein is suitable as a control for polyclonal or monoclonal anti-Glial Derived Neurotrophic Factor in immunological

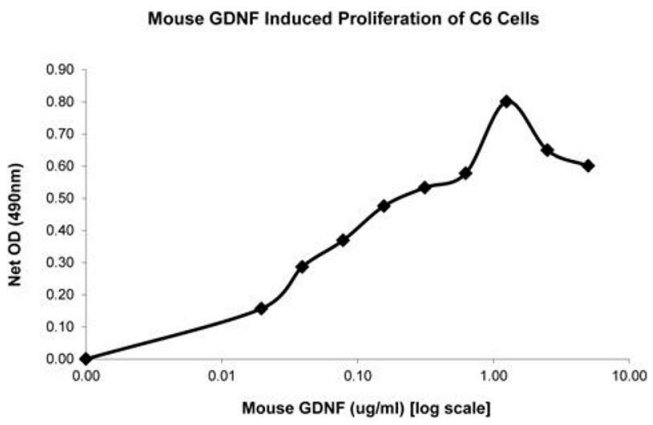
Application Details

	assays. Other Performance Data: Endotoxin Level: Measured by kinetic LAL analysis and is typically ≤ 1 EU/μg protein. Biologic Activity: The activity is determined by the dose-dependent proliferation of C6 cells and is typically less than 1 μg/mL.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitution Volume: 10 μL (10-100 μL) Reconstitution Buffer: Restore with deionized water (or equivalent)
Buffer:	Buffer: 0.1 % Trifluoroacetic acid
Preservative:	Without preservative
Storage:	RT,4 °C,-20 °C
Expiry Date:	6 months

Images



SDS-PAGE

Image 1. SDS-PAGE of Mouse Glial Derived Neurotrophic Factor Recombinant Protein Bioactivity of Mouse Glial Derived Neurotrophic Factor Recombinant Protein. C6 cells were cultured with 0 to 5 ug/mL Mouse GDNF. Cell proliferation was measured after 7 days and the linear portion of the curve was us used to calculate the ED50. The ED50 of Mouse GDNF is 0.8-0.12 ug/mL.