

Datasheet for ABIN6700947

GDNF Protein[Go to Product page](#)**1** Image

Overview

Quantity:	10 µg
Target:	GDNF
Origin:	Rat
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:	Q07731
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
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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 0.1 $\mu\text{g}/\text{mL}$.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitution Volume: 10 μL (10-100 μL)

Reconstitution Buffer: Restore with deionized water (or equivalent)

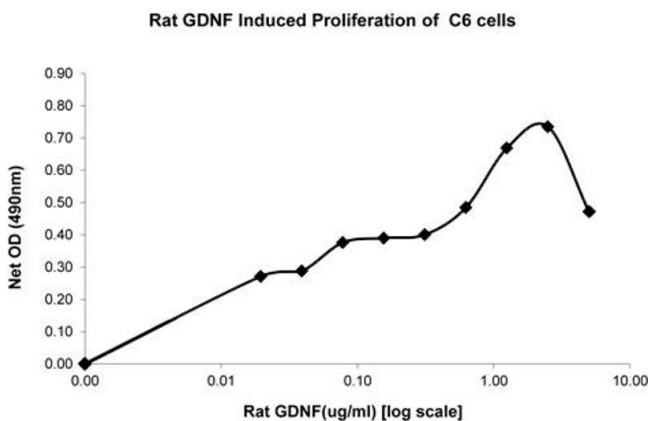
Buffer: Buffer: 0.01 M Sodium Phosphate, pH 7.5

Preservative: Without preservative

Storage: RT, 4 °C, -20 °C

Expiry Date: 6 months

Images



SDS-PAGE

Image 1. SDS-PAGE of Rat Glial Derived Neurotrophic Factor Recombinant Protein Bioactivity of Rat Glial Derived Neurotrophic Factor Recombinant Protein. C6 cells were cultured with 0 to 5 $\mu\text{g}/\text{mL}$ Rat GDNF. Cell proliferation was measured after 7 days and the linear portion of the curve was used to calculate the ED50. The ED50 of Rat GDNF is 0.05-0.08 $\mu\text{g}/\text{mL}$.