9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

GDNF Human, Sf9

Glial-Derived Neurotrophic Factor Human Recombinant, Sf9
NTR0023

Product Overview

Name	GDNF Human, Sf9

Description

Glial-Derived Neurotrophic Factor Human Recombinant, Sf9

Accession (Primary)	P39905

Synonyms

Glial cell line-derived neurotrophic factor, hGDNF, Astrocyte-derived trophic factor, ATF, ATF1, ATF2, HFB1-GDNF, HSCR3.

Introduction

Glial cell-derived neurotrophic factor or GDNF is part of the GDNF group of ligands proteins. GDNF has a crucial part in numerous cell mechanisms such as neurite outgrowth, cell differentiation, cell survival and migration of cells. GDNF enhances neurons survival via GFRa receptors (mainly GFRa1). The mentioned neurons can die as a result from Parkinson's disease or ALS (amyotrophic lateral sclerosis). This protein takes part in the development of the spermatogenesis & kidney, also, it has a role in alcohol metabolism as ameliorating.

Source

Sf9, Baculovirus cells.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

GDNF protein (0.25mg/ml) contains 10% glycerol and Phosphate-Buffered Saline (pH 7.4).

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 90.0% as determined by SDS-PAGE.

Amino acid sequence

ADPM RGQRGK NRGCVLTAIH LNVTDLGLGY ETKEELIFRY CSGSCDAAET TYDKILKNLS RNRRLVSDKV GQACCRPIAF DDDLSFLDDN LVYHILRKHS AKRCGCI HHH HHH

Precautions

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GDNF Human, Sf9 is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P39905)